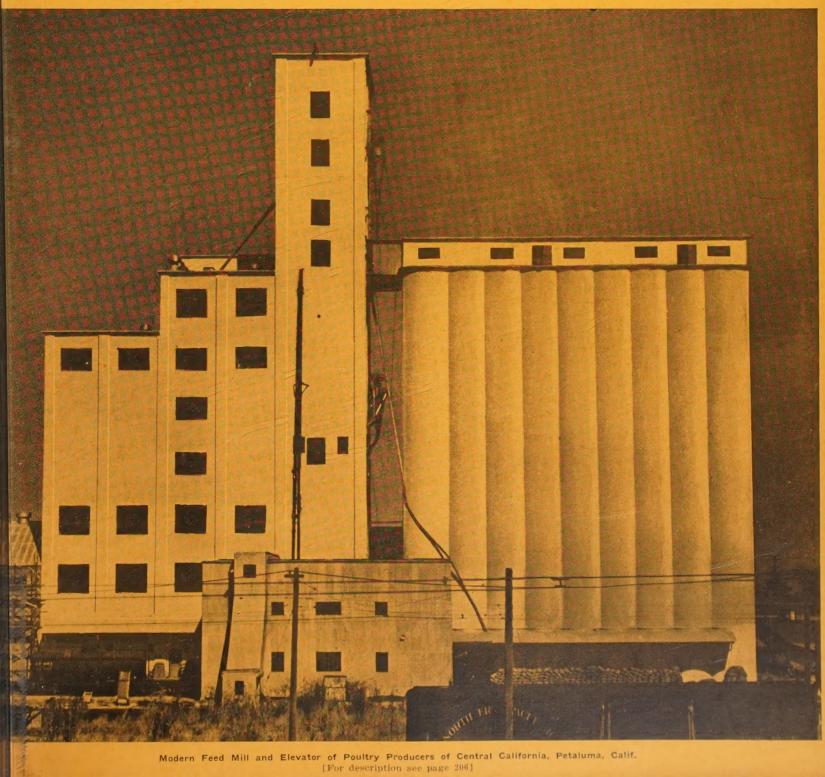


A Merger of Grain Dealers Journal, American Elevator & Grain Trade, Grain World and Price Current-Grain Reporter



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In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

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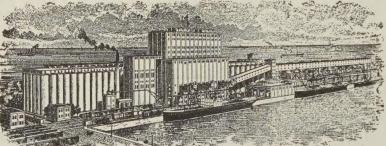
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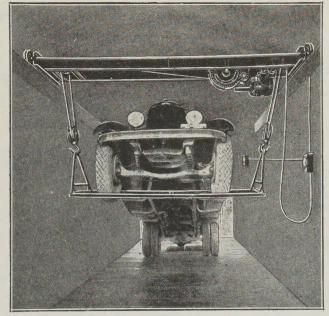
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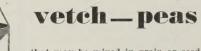


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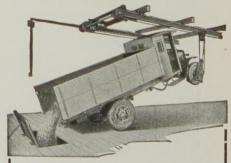
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FOR SALE

1—No. 36 Western Gyrating Corn and Oats Cleaner, in splendid condition.

1—Bauer Full Ball Bearing 19" Double Disc Attrition Mill, in splendid running condition.

1—half-ton Papec Mixer, nearly new.

1—half-ton Sidney Mixer, in good condition.

1—Garden City Cylone Ball Bearing Fan, inlet 22", outlet 15x17.

1—Papec 13" Hammer Mill with Dust Collector. The Papec Hammer Mill has been doing good work right along and was replaced to put in a larger mill. \$50.00 buys this outfit.

We will price these machines to sell. We will

We will price these machines to sell. We will take in part payment on any or all of them a Dreadnaught Corn Crusher and a Clipper Full Brush Seed Cleaner. If interested, we will give you the location of each machine.—Goodrich Construction Co., Winchester, Ind.

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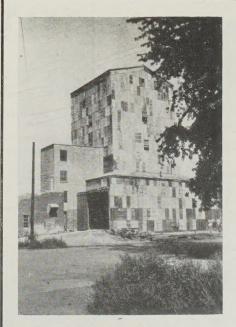
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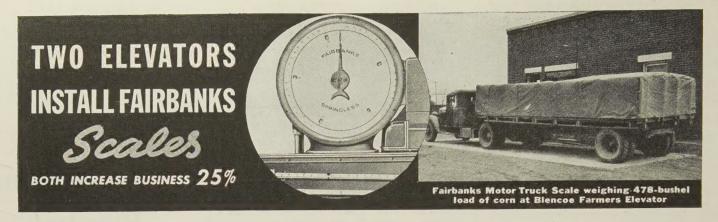
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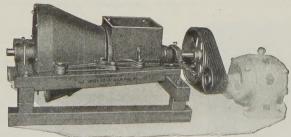
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AMERICAN ELEVATOR & GRAIN TRADE
Established 1882

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Established 1844

Published on the second and fourth Wednesdays of each month in the interests of better business methods for progressive wholesale dealers in grain, feed and field seeds. It is the champion of improved mechanical equipment for facilitating and expediting the handling, grinding and improving of grain, feeds and seeds.

SUBSCRIPTION RATES to United States, Canada and countries within the 8th Postal Zone, semi-monthly, one year, cash with order, \$2.00; single copy current issue, 25c.

To Foreign Countries, prepaid, one year, \$3.00.

THE ADVERTISING value of the Grain & Feed Journals Consolidated as a me-dlum for reaching progressive grain, feed and field seed dealers and elevator oper-ators is unquestioned.

Advertisements of meritorious grain elevator and feed grinding machinery and of responsible firms who seek to serve grain, feed and field seed dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms for advertising a fake or a swindle.

for advertising a fake or a swindle.

LETTERS on subjects of interest to those engaged in the grain, feed and field seed trades, news items, reports on crops, grain movements, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are Invited. The service is free.

CHICAGO, ILL., SEPTEMBER 14, 1938

FORECASTS that the Canadian government will lose \$25,000,000 in buying wheat at 80 cents from farmers when the market is 20 cents per bushel lower are premature.

A BURSTING burr in an old style Arkansas feed mill seriously injured the proprietor and his daughter. This, in the days when most of the grinding was done on stone burrs, was one of the feed millers' common afflictions.

AN EMPLOYEE of an Indiana elevator who lost the sight of one eye while working about the elevator is now seeking damages in the amount of \$2,000. Insurance against such suits is so inexpensive, no elevator operator can assume the risk.

ALFALFA has been meeting with such a rapidly increasing demand operators of mills and dehydrating plants have been unable to meet the demand of the feed manufacturer so naturally our News columns tell of many new plants being installed and new acres devoted to the growing of better alfalfa.

OPEN TANKS of gasoline are extremely hazardous as was discovered by an Illinois grain dealer whose plant was destroyed as the result of a spark thrown out by a stubborn motor.

WITH rumors of war and railroad strikes impending caution should be observed in contracting grain for deferred delivery when conditions at date of delivery may delay movement of grain to buyer to the loss of either buyer or seller or both.

THE NEWS columns of every number of the JOURNALS tell of the painting of many elevators and inasmuch as the work of applying the paint is the most expensive part of the operation, farsighted elevator owners are using the best paint obtainable.

MANY STATES are placing weight restrictions on trucks and trailers using the public highways, so that country grain merchants of these states have an additional advantage in providing large capacity truck scales and thereby increasing their income by charging a dollar for gross and tare weighing of the trucks.

DUSTY CUPOLAS have long been the bane of the elevator operators' existence and it is but natural that our News columns should frequently tell of the installation of fans for drawing out the dust at the elevator head. Not only does such removal improve the appearance of the grain, but it also helps to prevent grain heating.

ONE of the encouraging improvements frequently reported in our News columns is the installation of receiving pits and legs for filling ear corn cribs. Those who have sad memories of lame backs resulting from the prolonged usage of heavy scoop shovels in country cribs will wonder why this much needed improvement was not inaugurated ages ago.

COTTONSEED AND brewers' damp grain have a weakness for bursting into flames so it behooves feed dealers to exercise extra vigilance if they are willing to jeopardize the safety of their property by storing either of these products which are the common prey of spontaneous combustion. The frequency with which these fires are reported in our News columns should prompt property owners to hesitate to take chances with this known hazard.

THE BUYING margin needed to give the country grain shipper the realization of a safe profit from his business activities cannot be determined until he makes a careful survey of his annual cost of conducting the business. Any guess at operating costs is too indefinite for any cautious merchant to consider. His books should give him a dependable insight into his actual costs of handling grain from trucks to market. Any other guide on buying margins is a wild guess.

WHAT is wrong with the railroads? Principally the effects of political interference with management that has boosted railway wages from 28 cents an hour in 1916 to 77 cents in 1938, and taxes from 4.4 cents out of each dollar of revenue to more than 10 per cent.

ACCIDENTS in country grain elevators resulting from unguarded or open top bins call attention with painful frequency to the continued toleration of this hazard which can so easily be remedied by the erection of bars along the passageways or covering of all bins with cupola flooring.

MOST of the elevator fires occurring since the new crop started to market have resulted in the destruction of a large quantity of new grain. While farsighted elevator operators have been well protected against loss by ample insurance, many dealers have failed to avail themselves of the advantages of the premium adjustment policy, so have lost heavily.

MODERN mixing equipment is being installed by many country elevator operators who manufacture feed for a select trade or who are prepared to grind and mix feeds and ingredients to meet the special requirements of discriminating customers. The better equipped any feed grinding unit is to supply the special needs of feeders, the better can it serve all customers.

CHIEFKAN WHEAT, a beardless selection of superhard blackhull, has caused so much trouble in the bakeries that southwestern millers are now up in arms against the planting of this variety and in western Canada, we find the Minister of Agriculture exercising a potent influence favorable to the planting of Thatcher and other rust resisting varieties of spring wheat. Dealers who help their farmer patrons to heed the preference of the millers of the southwest will doubtless obtain a better price for the crop harvested next year and the farmers of the northwest who use only rust resisting seed wheat will realize a more profitable crop.

LACK of confidence in the future of values must be back of the grower's anxiety to market his crops right after harvest. Early in November corn was rushed to market. This summer the winter wheat terminals were flooded with grain. Now the spring wheat growers have deluged the Northwest, and Canadian farmers have made an unprecedented increase in the weekly visible supply figures in their haste to sell the government 80-cent wheat. This condition places an undue burden on transportation and grain handling facilities. Large stocks in the public show windows do not help to boost market prices while stocks hidden on the farm are too uncertain to depress prices.

OLD TIME elevator workers who wore clothes pins on their noses while bailing out their boots after every downpour will find real joy in reading of the installation of water tight concrete receiving sinks which are so frequently reported in our News columns. Hand bailing pits and boots was never a very enjoyable occupation.

FEW COUNTRY elevator operators understand the restrictions and regulations thrown about the storing of government owned grain, but nevertheless, our News columns tell of the enlargement of the storage facilities of many country elevators so doubtless, they will be prepared to engage in the grain storage business on a profitable basis. One cent a bushel per month is not burdensome to the grain owner, but it should prove profitable to the elevator operator if he collects.

ALL HYBRID CORN is not alike. This was discovered by an Illinois farmer who bought hybrid seed corn of unknown origin from a trucker last spring, and discovered as it grew and matured that the hybrid ears he expected were well peppered with sweet corn. It is a well settled fact that hybrid corn will increase yields by 15 to 20 bushels per acre, but only when it is pure hybrid seed, produced from hardy inbreds (or their immediate progeny in the case of the double cross). and adapted to the region where grown. There are only two sources for dependable hybrid seed corn, the qualified grower, or a reputable seed house.

GRAIN DEALERS who know crop conditions, and understand how to apply their knowledge to the known seeded acreages in order to anticipate prospective yields of any grain in a given area, have lost confidence in the government's consistently bearish reports. Yields predicted by Department of Agriculture statisticians have not materialized and the final out-turns have frequently justified the contrary convictions of well informed dealers on the ground. Since the federal government has been seeking to control acreage and production of major farm crops, few grain dealers believe that the efficient Crop Reporting Board of the Department of Agriculture can long remain free from political pressure.

Helping the Foreign Consumer

Thoughtless politicians in governmental positions of several countries now blessed with a surplus stock of wheat are persisting in assuring the consumers of importing countries that they can buy all the wheat they need at almost their own price. The experienced grain exporters of these countries knew full well that they would have plenty of wheat to sell to foreign consumers, but they did not rush into the public print and advertise the fact all over the world.

Subsidizing wheat exports or guaranteeing an unlimited supply of wheat has assured foreign buyers that they need not worry about getting a plentiful supply of bread. Naturally, European importers are more than pleased at the hysterical efforts of North American government officials to dispose of their country's surplus stock of wheat before the Argentine crop comes into the market with more cheap wheat. The natural influence of the tactless efforts of the politicians has been to slow up buying on the part of European importers and this has backed up the export movement and effected a further depression of market values. It is unfortunate that persons unfamiliar with marketing factors and methods should be given so much power. Every time the federal government has attempted to dominate either the production or the marketing of wheat, corn or cotton, it has made an awful mess of the marketing problem and hurt the producers far more than it has helped them.

The farmers of many sections of the country who are careful students of marketing problems are beginning to resent the burocratic attempt to control not only the production of farm products, but also their marketing.

So many new plans for controlling farm activities have been promulgated by the Department of Agriculture during recent months, that neither the Department officials or the farmers whom they seek to regulate have obtained a clear idea of the true purpose of the innovation or the method of operation. The frequent changes in the regulations have helped to increase the confusion so that naturally farmers are

irritated rather than delighted with the attempt of the AAA to direct farm activities.

One great difficulty with these new experiments is that they have been promulgated long before the plan of operations or the purpose had been definitely decided upon so that even the buro chiefs entrusted with the carrying out of the new ventures were deeply puzzled to know what they should do next.

None of the experiments tried during the last ten years have convinced the burocrats of their inability to do everything so they have tried some of the failures over and over without recognizing that the law of supply and demand is still in force and superior to all man-made laws. Shrewd merchants who accumulate a burdensome surplus of any article of commerce strenuously avoid letting either their customers or their competitors know it, but they sell all they can and hide the balance.

Oral Contracts for Grain

Country grain dealers of experience have encountered so many misunderstandings, differences and disputes with farmer customers as the direct result of carelessly entering into oral contracts. cautious dealers will no longer be a party to such contracts, because farmers often forget and changing markets warps their willingness or desire to sell. So many country buyers have been unwilling defendants in long drawn-out and expensive law suits, dealers generally are insisting on written confirmations of all contracts for the purchase of grain, so that each party has a clear understanding of the other's intention.

While it is not the uniform practice of farmers to deny contracts for sale of their grain when the market advances many have neglected or refused to fulfill oral contracts so that buyers generally have found it greatly to their advantage to insist on having written confirmation of all purchase contracts, and have supported the validity of the contract with a check for earnest money.

During the years, we have published many decisions in cases where farmers biased by a falling market have insisted sale was made day grain was delivered to elevator. In hope of avoiding embarrassing and irritating disputes of this character elevator men generally have sought to protect themeselves against disputes by posting signs in office and driveway to the effect that "All grain delivered to this elevator is sold day of delivery." In this way grain delivered by a tenant or a trucker does not result in future disputes. The cautious dealer also sends word by mail to the owner of grain delivered, warning him that grain delivered is sold, thereby preventing a future dispute and the probable loss of a good customer.

Hesitation

On the plains of hesitation bleach the bones of countless millions who, at the dawn of victory, sat down to rest, and resting, died.

Corn Loan Renewal Program Extended

The Agricultural Adjustment Administration has announced that farmers outside the commercial corn producing area who are holding their 1937 corn under the 50-cent government loan may renew this loan at the new 1938 57cent rate.

This is a modification of the loan renewal program announced Aug. 27 under which the 57-cent per bushel renewal on corn loans applied to the region defined as the commercial corn producing area by the 1938 Farm Pro-

All producers outside the commercial area with corn under loan will be eligible for the renewal, except those on whose farms the 1938 acreage planted to soil-depleting crops exceeds 102 per cent of the farm acreage allotment for soil-depleting crops under the 1938 Agricultural Conservation Program.

This extension will affect farmers in 59 counties adjoining the commercial corn area.

These 57-cent per bushel loans will be made available until Nov. 1, 1938, and will mature Aug. 1, 1939. The 1937 50-cent loans will mature Nov. 1, 1938.

The renewal loan is being set at 57 cents per bushel—7 cents above last year's level—to bring it approximately in line with what probably will be the 1938 loan rate. The loan rate on corn produced in 1938 will be announced about Dec. 1, according to AAA officials.

The counties outside the commercial area which will be affected by the extension of the 57-cent per bushel loans are:

Indiana—Clark, Floyd, Harrison, Lawrence, Orange, Martin, Monroe, Spencer;

Kansas—Cheyenne, Clay, Cloud, Decatur, Geary, Graham, Morris, Rawlins, Sherman, Wa-baunsee, Wyandotte;

Minnesota—Anoka, Hennepin, Pope, Sherburne, Washington;
Missouri—Cedar, Cole, Dade, Franklin, Gasconade, Jasper, Morgan, St. Louis, Sullivan, Warren;

Nebraska — Chase, Holt, Keith, Lincoln, Wheeler;

Ohio-Jackson, Lorain, Muskingum;

South Dakota—Deuel, Grant, Miner, Roberts, Sanborn;

Wisconsin—Columbia, Green Lake, Winnebago, Fond du Lac, Sheboygan, Washington, Dodge, Jefferson, Racine, Walworth, Kenosha, and Sauk.

Since the approval of the 57c loan for renewals, corn producers who now have loans on their 1937 corn will have four possible

methods of liquidating, as follows:

1—They may pay off their loans in cash and secure possession of the corn collateral for feed

or other purposes.

2—They may secure new loans at 57c per bu on the ear corn if the corn and cribs are in acceptable condition.

3—They may secure permission from the county agricultural conservation committee to shell their corn and secure new loans at 57c per bu, stored in acceptable bins and granaries.

4-If they do not desire to retain their corn under the renewal loan, they may deliver the corn collateral in payment of their old loans.

Corn producers who now have loans on their 1937 corn but are not eligible for the renewal loan may pay their loans in cash and use the corn or deliver the corn to the corporation at any time after Oct. 1.

Farmers of Pacific Northwest Unable to Get CCC Loans

Spokane, Wash.—The Pacific Northwest was left "holding the bag" when provisions were drawn up for loans to American wheat

growers.
"No premium for sacked wheat was provided for in the regulation," pointed out A. J. Halle, chairman of the Northwest Grain Dealers' Ass'n. "The entire picture here is different from that in other parts of the country and farmers are finding it difficult

President Bast Issues An Invitation

Our forty-second annual covention, to be held in Toronto, Canada, Sept. 26-27, is the first convention to be scheduled outside the United States. It is also the first convention held "on the east side" for a number of years.

As president of the National Association, I want to invite all of our direct members, affiliated members, friends in the trade, and other interested people to take part in this convention of 1938. Especially do I want to extend this invitation to members of the grain and feed trades in Canada, whether or not they are members of our Association, and urge them to register for the Toronto meeting.

These are critical years for the grain trade in both countries, and it is proper that we should meet occasionally to consider the problems the trade must meet. The subjects listed on the program call for the discussion of many subjects of common interest to dealers in the United States and Canada.

We invite you to Toronto in order to refresh fine friendships; to make new acquaintances; to enjoy the fellowship that has made our annual conventions outstanding for many years.

As a National Association, we invite our members and friends to the Toronto meeting. We know our Toronto hosts cordially invite you to enjoy their entertainment program. O. F. BAST, President,

Grain & Feed Dealers National Association.



The Royal York Hotel, Toronto, Can., Headquarters for the Grain & Feed Dealers National Ass'n on the Occasion of its 42nd Annual Convention, Sept. 26-27.

to get action on their applications for loans." The major difficulty is caused by dif-ferences in trade practices between the northwest and the rest of the nation. Warehouses must be approved before loans can be made to farmers dealing with them. Because of these differences warehouses have not been able to gain approval and the farmer is balked in his efforts to get a loan.—F. K. H.

Uniform Protein Tests Needed

G. E. Blewett, Secretary-Treasurer of the Texas Grain & Feed Dealers Ass'n, urges that all protein laboratories working in conjunction with grain inspection departments be placed under Federal supervision and License as are the inspection departments, but of course, this would not pertain to laboratories operated by mills or private con-

This action would in due time eliminate a great deal of discrepancies that appear in protein analysis on the same car of wheat that at this time vary from one-half to one per cent, owing to the fact that different laboratories pursue a different method of making these tests as well as using different chemicals and formulas.

This matter will be brought before the Convention of the Grain and Feed Dealers National Ass'n in Toronto.

Asked—Answered

[Readers desiring trade information should send query for free publication here. The experience of brother dealers is most helpful. Replies to queries are solicited.]

Storage Lien On Loan Wheat?

Grain & Feed Journals: If the country elevator operator signs a storage receipt showing farmer's grain is free from all liens and a farmer gets a loan of 75 cents less freight and 4 cents per bushel, who will pay bailee 4 cents for handling?—X.X.

Ans.: The statement on the receipt that the grain is free of all liens means liens prior to issuance of receipt.

issuance of receipt.

Signature of warehouseman means only that he has received the wheat and not that he has surrendered his own lien for charges. There is no way for the C.C.C., the R.F.C., the government, or any agency, to deprive a warehouseman of his lien for caring for property entrusted to him. If so stated on the warehouse receipt or on the warehouseman's agreement the 4 cents the country elevator operator asks for handling will operate as a lien on the grain, and will have to be paid before the holder of the receipt can demand delivery.

The C.C.C. is not the government, but oper-

The C.C.C. is not the government, but operates just the same as any private corporation. Its relationship to the country grain elevator operator is purely contractual, as evidenced by the agreement.

Does Warehouseman Get the Four-Cent "Handling" Charge?

Grain & Feed Journals: If the Commodity Credit Corporation offers 75 cents loan on No. Credit Corporation offers 75 cents loan on No. 2 yellow hard wheat at Chicago, less freight and 4 cents a bushel handling charge, and the country elevator man ships the wheat into Chicago for storage who will reimburse him for his handling charge, if the C.C.C. deducts the 4 cents and the freight before advancing any money?—McNeil.

Ans.: The 4 cents deduction stated in the loan agreement between the farmer and the C.C.C. does not concern the grain elevator operator. It is not a handling charge but an adjustment to take care of freight incidentals in case the farmer abandons the wheat to the C.C.C., and the C.C.C. has to move it out.

If the farmer redeems the wheat his debt to the C.C.C. is that much less.

The country elevator operator acting as ware-

the C.C.C. is that much less.

The country elevator operator acting as warehouseman for the farmer and the C.C.C. is expected to get all his remuneration out of the charge for storage, as embodied in his warehouse agreement. It will vary in different localities. In Iowa, by law, the dealer gets 12 cents a year storage per bushel, and he is expected to get his handling charge out of that. In making the agreement as provided in CCC Wheat Form J 1938, the country warehouseman furnishes therewith a statement of his charges, and that is his opportunity to make the charge for storage high enough to cover the expenses.

Holding Farmer on Grain Contract?

Grain & Feed Journals: A farmer signed a contract in December to deliver new corn and I paid him \$100 in advance.

The farmer sold his crops and farm and received payment in full without deducting and

paying me my \$100.

I can not get my money from either the signer of the contract or the party who purchased the land and corn thereon.

Can I sue the third party and thus collect the corn money? He claims to have had no knowledge or notice of the \$100 against the corn crop.

Has the farmer who took my \$100 and sold the crop to the third party incurred criminal liability? He makes no effort to pay it back, but acknowledges he owes it.—Robt. P. Sheaff, Holcomb, Ill.

Ans.: Buyer's only claim is against seller for breach of contract. His only remedy is a civil suit; and, of course, such suit is not advisable if the seller is judgment proof, having no real or personal property on which to levy. If the

seller has nothing there is nothing the buyer can

do about it. Seller is not criminally liable.

If the buyer had taken a chattel mortgage or bill of sale describing exactly the location of the corn, and placed it on record with the county recorder, the buyer of the land would have been charged with notice that he was liable and the grain dealer would have been pro-

Volume Required to Make Storage Profitable

Grain & Feed Journals: How much storage room must a country elevator operator have for rent in order to justify his taking out a federal license and furnishing the \$10,000 bond to comply with the requirements of the C.C.C. so grower of wheat can obtain loan?—Glenn S. Tackson.

Big Soybean Meeting

On the eve of what is expected to be the biggest soybean harvest in history of the nation, farmers, government experts and university men will meet in annual convention Sept. 12 to 14, Dr. J. B. Park of Ohio State University has announced.

Dr. Park, who is president of the American Soybean Ass'n, said the meeting at Wooster and Columbus, Ohio, may be the largest yet held by this national organization. Steady rise of the soybean both in volume and in importance as a cash crop, Dr. Park pointed out, has justified the optimism of leaders in the indus-

try.
Latest government reports say that "soybeans look like a bumper crop," and private estimates of total production have run upward of fifty million bushels. The largest previous crop on record was grown in 1935 when the total was forty-four million bushels

Parker Heads Wheat Improvement in Kansas

Dr. John H. Parker, plant breeder associated with the Kansas State College, at Manhattan, the man who brought the Canadian plan for wheat improvement to the Southwest, has resigned as a full time member of the College signed as a full time member of the College faculty to accept an appointment as director of the Kansas Wheat Improvement Ass'n. The appointment became effective on a half-time basis on Sept. 1. Dr. Parker will become full time director on Feb. 1.

Three years ago Dr. Parker spent a summer in Canada, studying the Canadian plan for wheat improvement thru the planting of local

wheat improvement thru the planting of local test plots, where farmers could see samples of their own field run wheat growing beside samtheir own held run wheat growing beside samples of pure, adapted varieties, as originated by Major H. G. L. Strange, Winnibeg grain dealer. He returned to Manhattan filled with enthusiasm for the plan.

In the fall of 1936, with the aid of Geary county, Kansas, grain dealers and millers, Dr. Parker wheated the first test plat in the United

Parker planted the first test plot in the United States to follow the Canadian plan, on a 300 foot square piece of land supplied by the Hogan Milling Co. at Junction City, Kan. that 25 test plot was so successful in its purpose that 25 test plots in 25 Kansas counties were planted the following fall. The number this fall has been raised to 35 and the plan has been taken up by Nebraska and Oklahoma grain dealers and byginges men.

dealers and business men.

Dr. Parker has a broad background of plant breeding training and experience. His graduation from Minnesota's College of Agriculture in 1913 was followed by scientific plant breed-

ing work with the United States department of agriculture and he has been in charge of small grain and sorghum breeding at the Kansas agricultural experiment station since 1917. Meanwhile his studies have brought him a master's degree from Cornell University, and a Ph.D. from Cambridge University in England.

Dr. Parker and his associates developed Tenmarq and Kawvale wheats, now widely grown thruout the Southwest. His initiative, and his wide knowledge and experience in plant breeding make him peculiarly well fitted for his new connection as director of the Kansas Wheat Improvement Ass'n; and the ass'n brings him new opportunities to serve southwestern agri-culture and the grain trade by promoting pure, adapted varieties of wheat.

Coming Conventions

Trade conventions are always worth while, as they afford live, progressive grain dealers a chance to meet other merchants from the same occupation. You can not afford to pass up these opportunities to cultivate friendly relations and profit by the experience and study of others.

Sept. 16. Mineral Feed Manufacturers Assn., Chicago.

Sept. 16, 17. Michigan Bean Shippers Ass'n, Hotel Fort Shelby, Detroit, Mich.

Sept. 20. Ohio Grain, Mill & Feed Dealers Ass'n, Sidney Golf & Country Club, Sidney,

Sept. 26, 27. Grain & Feed Dealers National Ass'n, Royal York Hotel, Toronto,

Sept. 29, 30. Southern Mixed Feed Manufacturers Ass'n, Grove Park Inn, Asheville,

Sept. 29, 30 and Oct. 1. Pennsylvania Millers & Feed Dealers Ass'n, Ritz Carlton Hotel, Atlantic City, N. J.

Oct. 17, 18. Inder Iowa at Des Moines. Independent Feed Dealers of Feb. 7, 8, 9. Farmers Grain Dealers Ass'n

of North Dakota, Devils Lake, N. D. Apr. 2, 3, 4, 5. Society of Grain Elevator Superintendents of North America, Milwau-

kee, Wis.

May 25. Missouri Grain, Feed & Millers Ass'n, The Elms Hotel, Excelsior Springs, Mo.

June 12, 13, 14, 15. American Seed Trade Ass'n, Fairmont Hotel, San Francisco, Cal.

Ohio Ass'n Schedules Field Day

A Fall Meeting & Field Day will be held by the Ohio Grain, Mill & Feed Dealers Ass'n at the Sidney Golf & Country Club, Sidney, O., Tuesday, Sept. 20, with the morning business session opening at 9:30 a. m.

On the morning program of speakers, announces See'y W. W. Cummings, Columbus, and Pres. G. E. O'Brien, are Mrs. E. H. Miller Chicago, the only lady group statisticing in the Chicago, the only lady group statisticing in the control of the control of

ler, Chicago, the only lady crop statistician in the country, who will explain the grain crops outlook under government quotas, and Lyman Peck, nutritional expert for the McMillen Feed Mills, on "Keeping Ahead of Your Customers.

Government representatives will be present to answer questions on crop loans and other grain handling problems in which the govern-ment has a hand. An Open Forum will be conducted on the quality and price of new corn and soybeans.

A luncheon will be held in the Club House at 1 p. m. Charge, \$1 per plate, and Sec'y Cummings wants as many reservations as possible in advance, so he will know how much food to have prepared.

The afternoon will be devoted to games, golf, contests and hilarity. Thirty-three firms Thirty-three firms have donated more than 60 prizes for these Field Day events, and everyone will have opportunity to demonstrate his prowess and win one or more

Non-members as well as members of the ass'n are invited, and all are urged to "bring the family," says Pres. O'Brien.

Letters from the Trade

[The grain dealers' forum for the discussion of grain trade problems, practices and needed reforms or improvements. Dealers having anything to say of interest to members of the grain trade are urged to send it to the Journals for publication.]

Indiana Farmers Feeding Wheat

Grain & Feed Journals—There is quite a good deal of old wheat in the country, but don't believe much of this will get to the market. Our farmers are feeding it, and we have no oats this year; the smallest crop we ever raised. Last year was next smallest, but this crop won't be over half what it was last year. 8c for hogs, and 1c a pound for wheat make a good spread for sowing wheat, and farmers that are a little short of corn, who cut their acreage this year, will perhaps feed a lot of this wheat at the present price.—Goodrich Brothers Co., P. E. Goodrich, Pres.

No Indiana Warehouses Approved for Wheat Loans

Grain & Feed Journals: Recent word from the Loan Agency of the Reconstruction Finance Corporation advises that no warehouses in Indiana have yet been approved for the storage of wheat for loan purposes. Contrary to the general belief of many, the 19 warehouses now licensed under the U. S. Warehouse Act, have not been approved for the storage of wheat for Government Loans thus far.

of wheat for Government Loans thus far.

There has really been very little inquiry on the part of farmers generally throughout the State to seek loans on their wheat. We believe few loans will be made on the present crop. Enormous quantities of wheat held back on the farm are being ground for feeding at present prices.—Fred K. Sale, Sec'y, Indiana Grain Dealers Ass'n, Ind.anapolis, Ind.

Too Much Red Tape in Government Storage

Grain & Feed Journals: Shall the elevator owners, operators and millers in Ohio arrange to store wheat upon which the United States Government is loaning 70c per bushel or shall we not?

I think this is a big and serious question

on fronting every operator, be he independent, or co-operative, and a question which should be considered seriously before taking any steps toward storing wheat upon which the U. S. Government has made loans.

Government has made loans.

While I have studied this question to quite some extent and have endeavored to ascertain the facts concerning the eligibility of elevators who might want to store Government wheat. I will admit that after having interviewed four of their representatives I am still in the dark as to the requirements of the elevators who might wish to store this grain.

who might wish to store this grain.

I believe every elevator operator is primarily interested in the welfare of the farmer, because anything that is good for the farmer, anything which will help him to make money, w'll in turn make money for the elevator operator with whom he does business. Nevertheless, I am inclined to believe from the somewhat scant information which I have been able to obtain, that any company who goes into this storage of wheat upon which the Government has loaned money, is inviting trouble.

My experience, covering a period of 25 years in the grain and feed business, leads me to believe that entirely too much "red-tane" would be involved in this wheat storage plan to be of interest to the elevators. As far as the company whom I represent is concerned, unless we learn something entirely different from what we know now, you can all count on at

least one grain firm in northern Ohio not being in it.—L. G. Bradstock, Wellington, O.

Northwestern Ohio Dealers

More than 160 grain dealers and their wives attended the evening meeting of the Northwestern Ohio Grain Dealers Ass'n at Holgate, O., Aug. 22. W. M. Jackson, manager of the Holgate Grain & Supply Co., presided, and acted as host.

The official welcoming was done by R. E. Croninger, of Liberty Center, and the response was made by O. J. Jeffrey, Paulding.

A short talk on the clover seed situation was made by Mr. Dickey of Fort Wayne. The condition of the new oats crop was discussed by Grain Inspector H. F. Prue, of Toledo.

Hybrid seed corn was the subject of a talk by C. S. Latchaw, see'y of the Ohio Farmers Grain Dealers Ass'n, in which careful selection of adapted hybrid seed of proven quality was advocated. Conditions surrounding marketing of grain in terminal markets were discussed by C. C. Fivian.

New York Ass'n Re-Elects Officers

Franklin L. Lewi, past pres. of the New York State Hay & Grain Dealers Ass'n, and a member of the New York Produce Exchange, vigorously assailed the agricultural policy of the present administration in an address before the annual convention of the New York State Hay & Grain Dealers Ass'n, held at Syracuse,

N. Y., Aug. 18-19.

"Crops should be large enough," he declared, "to provide an exportable surplus, and the government should give farmers the difference between the domestic and the exportable surplus in cash, thereby increasing farm production, keeping up employment, giving the railroads additional freight, spreading wages, and putting money in circulation for the benefit of all classes of labor." The farmers, he said, are not in accord with the theory of scarcity, nor with any form of regimentation; and government buying never holds up prices more than temporarily.

Dr. H. E. Barnard, director of research for the Farm Chemurgic Council, New York, declared new markets for farm products are needed, and explained how experiments are being conducted to convert farm crops to industrial uses. The use of southern pine in the paper industry, soybean meal in plastics, corn stalks and straw in the corrugated box trade, were among the industrial uses he

Other speakers included Prof. George H. Serviss, extension agronomist, Cornell University, on "Hay Put in Silos and Kiln Dried Hay"; Prof. L. C. Cunningham, Cornell University, on "The Condition of the Dairy Business"; H. V. Noyes, State Commissioner of Markets, Albany, on "Marketing of Farm Products"; W. D. Slattery, pres. Central New York Smaller Business Ass n, Inc., Syracuse, on "Taxes and the Small Business Man."

All officers were re-elected. They are: Mil-

on "Taxes and the Small Business Man."
All officers were re-elected. They are: Millard Fink, Altamont, pres.; Emil Schumann, Brooklyn, vice pres.; D. Clifford Iones. Weedsport, sec'y-treas. Directors: William H. Archer, Coldwater; H. L. Cross, Fayetteville; M. I. Durfee, Fall River, Mass.; L. F. Hewitt, Locke; Franklin L. Lewi, New York: Floyd A. Wheat, Moravia.

New Source of Income from Large Scales

While grain dealers may not be aware of it, there are pending before the I. C. C. proposals whose adoption will open a new source of revenue to owners of large scales. The I. C. C. is holding hearings throughout the country to consider the adoption of a hundredweight basis on interstate movements of household goods. The adoption of this measure would mean that every shipment of household goods traveling interstate would need to be weighed. In consequence, a great increase in the use of weighing facilities would result, as these shipments now move on a cubic foot basis and weighing is not necessary.

The hundredweight basis for intrastate movements of household goods has already been adopted by a number of states: California, Colorado, Texas, Michigan, Iowa, Wisconsin and North Dakota. In these states all shipments of household goods must be weighed, and many are weighed on grain scales, for which service they pay a fee.

The average length of the trucks or semitrailers used by the better long distance haulers of household goods is about 34 feet overall, but as the trailer may be unhooked and weighed supported on its landing gear, efficient weighing of entire trailer unit may be done on as small as a 20 foot platform.

A leading dairy company has been ordered by the federal court at Chicago to produce in court 27,454,747 of its business records, making a pile 21 ft. deep in the court room, and costing \$55,000 to assemble, not counting the labor, in the milk trust investigation.

Fred Hoose to Retire

Fred C. Hoose has resigned his position as vice pres. and treas, of the Norris Grain Co. at Kansas City, and announced his retirement from the grain business.

from the grain business.

For 30 years he has been with the Norris firm, and in charge of the Kansas City office since 1911. He joined the Kansas City Board of Trade in 1901 and was its president in 1934. His plans for the future are indefinite.



Fred C. Hoose, Kansas City, Mo., Retires.

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds are always welcome.

Fulton, Ind.—Corn crop in this section looks very good. Clover crop is poor yield but quality fair.—Mayer Grain Co.

Pantego, N. C., Sept. 1—The corn in this section does not equal that of last year on account of too much rain.—Eastern Elvtr. & Grain Co.

Rockport, Ind.—Growing corn in the bottoms along the Ohio river is looking unusually promising and one of the best yields in several years is anticipated.—W. B. C.

Winnipeg, Man., Sept. 2—Crop acreage for 1938 in the aggregate is as follows: Spring wheat, 23,228,000; durum wheat, 1,467,000; oats, 8,518,000; barley, 3,687,000; rye, 655,000; flax, 212,700.—J. G. Fraser, mgr., The North-West Grain Dealers Ass'n.

Chicago, Ill., Sept. 2—Conditions of crops during the last week of August indicate the following yields, in million bushels: Corn. 2,480; oats, 1,010; spring wheat, 255; spring wheat in western Canada. 340.—H. C. Donovan, statistician with Thomson & McKinnon.

Ottawa, Ont.—Canada's 1938 wheat production was estimated at 358,433,000 bus. by the dominion bureau of statistics Sept. 9. This compares with a crop of 182,410,000 bus. in 1937. Production in the three prairie provinces was estimated at 334,000,000 bus., against 159,000,000 last year.

Mt. Vernon, Ind.—The growing corn crop in Posey County is the most promising in years, especially the fields along the Wabash and White Rivers. Many of the farmers have their wheat ground prepared and some of the farmers have announced that they will put in their average acreage this fall in spite of the government edict.—W. B. C.

Bluffton, Ind.—Wells county farmers will gather the best crop of corn in years. The soybean crop is doing well, maturing fast, and a good yield is anticipated. Many acres of soybeans are being cut for hay. Our oat yield averaged about 22 bus. to the acre. Our best field averaged 38 bus. to the acre and the poorest went 8 bus. to the acre.—A. F. McC.

Topeka, Kan., Sept. 9—The corn crop is estimated at 47,139,000 bus. which compares with 28,244,000 bus. produced last year and 97,639,000 bus. the ten year 1927-36 average. The per acre yield is estimated at 19.0 bus. The most favorable grain sorghum production since 1932 is in prospect. An indicated crop of 16,577,000 bus. compares with 12,330,000 bus. produced in 1937 and 14,463,000 bus. the ten year 1927-36 average.—H. L. Collins, agri. statistician.

Freeport, Ill.—We have bot little grain, prices are unattractive. We have had many heavy rains since the middle of June with the result that some of the small grain fields are considerably damaged and I believe there is still one fourth of the oats and barley crop to be threshed. Yields are uneven—the heavily damaged oats in some cases test around 24-25 lbs, and yield 20-25 bus, per acre; on the other hand there are reports of 50 bus, and better, Prospect for a corn crop is very good provided we get warm, dry weather for another month. Lots of hay and abundant grass.—H. A. Hillmer.

Winchester, Ind., Sept. 10.—It seems as tho corn has been doing just as good as it ever does. Early corn will soon be out of the way of frost. Some corn on extremely early fields is being put in shocks. Friday morning we had a nice little shower and another shower or two during the day, and today, Saturday, it has been raining almost all day and we are getting the ground thoroly soaked. The thirsty ground is drinking up the moisture, and none of it is running off. Wheat sowing will begin just as soon as the farmers can get in the fields again to do plowing. It now looks like they could go at it next week. Wheat acreage will be cut materially. Clover seed crop is going to be larger than it was last year. A good deal of clover is being threshed, but it is making very small yield to the acre, but there are a lot of acres.—Goodrich Brothers Co., P. E. Goodrich, Pres.

Chicago, Ill., Sept. 2.—Indicated production of corn is 2,460,337,000 bus., of all spring wheat 258,609,000 bus., of which 41,830,000 is durum and 216,779,000 is other spring. The durum crop turned out well and is of excellent quality and color. Oats production is estimated at 1,027,000,000 bus., compared with 1,146,258,000 last year and barley production, favored by a dry, cool harvest finish at 244,000,000 bus. The condition of soybeans is reported at 88.2 per cent compared with 87.0 Aug. 1. Usually there is a half-point decline during August.—R. O. Cromwell, statistician, Lamson Bros. & Co.

Chicago, Ill., Sept. 2.—A corn crop of 2,510,000,000 bus. is indicated by reports made in the last week of August. This compares with 2,566,000,000 one month earlier, showing a decline in prospects during August of 56,000,000. Crop last year was 2,645,000,000 bus. The indicated yield per acre is 27.2 bus., which compares with 28.2 bus. produced last year. A spring wheat crop of 257,000,000 bus. is indicated by recent reports, a moderate reduction from a month ago. The yield of oats is estimated to be 29.1 bus. per acre, compared with 32.7 bus. last year and 27.1 the ten year 1927-36 average. Total production, 1,035,000,000 bus., compares with 1,146,000,000 produced last year.—Nat C. Murray, statistician, Clement, Curtis & Co.

Minneapolis, Minn., Aug. 26.—The winter wheat crop is all harvested, threshed, and a normal amount marketed. Farmers are discouraged over the low prices and are holding back as much as possible on the farms. Much of the wheat in Kansas and other Southwest states is of low grade and not suitable for milling purposes, resulting from the effects of frost, rust, insects, etc., during the growing season. The country movement is practically at a standstill, so country and terminal elevators are not doing the steady business they anticipated. Many are wondering whether the 1938 winter wheat crop has been over-estimated, or the acreage sown last fall set at too high a figure by the Agricultural Department. Growing conditions and yields were checked closely by the Private Reporters and others and agreed fairly well with the Crop Reporting Board's figures; but all estimates were based on the acreage figures published by the government—Cargill Crop Bulletin.

Springfield, Ill., Sept. 7—Fall plowing is well advanced in the south, but has been slow in getting under way in the north; silo filling has begun. Corn condition and progress generally continues average to very good, except that there was deterioration reported from a few central and south-central areas; cutting of corn for silage has started, 10% to 20% having been cut in some areas; the bulk of the corn crop will be safe from frost in 2 to 3 weeks. Soybeans continue to make good progress, and are generally podding well; cutting for hay is well along in the southern division, but elsewhere mostly small amounts have been cut. Pastures in most previously dry areas have improved. Alfalfa and clover continue generally to make a good showing; third cutting of alfalfa and cutting and threshing of seed clover done. In the Cairo area most of fourth cutting of alfalfa has been made, and some will get a light fifth crop. Chinch bugs and grasshoppers have damaged corn and soybeans to some extent in a few central and south-central areas.—E. W. Holcomb.

Decatur, Ill., Sept. 10.—A wide variation of corn prospects exists not only between broad areas of the state but also between fields and even between different parts of the same field. The premature drying of the Illinois corn crop previously mentioned has now been identified as Stewart's disease, a bacterial wilt, and diplodia stalk rot. The early planted fields and the early varieties of corn are showing the heaviest damage, with no difference in hybrid or open pollinated corn, or good or poor soil. Diplodia caused some trouble in Illinois in 1933 and again in 1934, but the damage was not as serious as it will be this year. For the state as a whole, it now appears that slightly over half of the corn crop is safe from frost, and that by Sept. 20 about 80 per cent will be out of danger. The soy bean crop is now maturing rapidly. Many fields have turned yellow and in the earlier fields a large percentage of the leaves have dropped off. With continued favorable weather, these early fields should be ready to harvest in the next ten days. For the state as a whole, soy bean prospects never looked better. While there are some weedy fields, podding has been very satisfactory and an above-aver-

age yield seems assured. Plowing is progressing for fall wheat seeding in localities where soil is not too dry. In some territories there will be a heavier acreage as some farmers are preparing to seed wheat who haven't planted wheat for several years. In counties where acreage allotments are not reduced too drastically, growers can afford to go along.—Baldwin Elvtr. Co.

can afford to go along.—Baldwin Elvtr. Co., Springfield, Ill.—Corn in some central Illinois fields is suffering from a new and unidentified disease, A. J. Surratt, federal crop statistician announced. First signs of the disease are drying edges of the corn blades, which is followed by withering of the entire stock, frequently with weakened joints. This premature drying of the corn crop in southern Illinois is expected to reduce the yield of a large part of the crop by as much as 20 per cent according to an estimate made by Benjamin Kohler, plant pathologist at the University of Illinois.

Minneapolis, Minn., Aug. 31—Harvest of small grain crops has been completed during the month and threshing finished, except in extreme northern districts, under generally favorable conditions. Although moisture supplies have been sufficient in the greater part of the territory, the final results have been greatly reduced from early bountiful prospects by rust and grasshoppers. Threshing returns have shown the anticipated wide variation in yield. While the extreme range in quality of the bread wheat crop extends from 48 to 62 pounds in test weight and 12 to 18 per cent in protein, the average of the crop marketed to date is approximately 55½ to 56 pounds in test and 13½ to 14 per cent in protein. Durum is again the bright spot in the outturn of the spring wheat crop. The coarse grain crops, though spotted, have turned out satisfactorily in the greater part of the Northwest. There is a wide range in the quality of oats. The quality of barley also varies considerably. Much of it will be used only for feed, but there is undoubtedly a sufficient supply of suitable malting types. The rye crop is generally satisfactory both as to yield and quality. Crushers report the quality of flax to be much better than last year. The corn prospect has been considerably reduced during the past month. Severe damage from heat, high winds, and drouth has been done in South Dakota and to a lesser degree in other sections of the Northwest. However, in the heavy producing area of southern Minnesota the crop has made splendid progress and its present condition is excellent. Plowing is already under way in southern districts.—Van Dusen Harrington Co., Paul C. Rutherford.

September Forecasts

Chicago, Ill., Sept. 1.—The leading crop statisticians give the following indicated production of grain, in millions of bushels, as based on conditions about Sept. 1:

								Shring		
								Corn wheat	Oats	Barley
Murray				۰		٠		2,510 257	1,035	
Galvin								2,406 248	1,018	248
Snow			4		۰	0		2,489 254	1.007	
Cromwell			0		٠			2,460 259	1.027	
Miller	٠,				۰	4		2,402 245	1.029	253
Donovan	,				۰			2,480 255	1.010	

Government Crop Report

Washington, D. C., Sept. 9.—The U. S. Dept. of Agriculture reports yields and production as follows, as of Sept. 1:

		Total pr	oduction
Yield	l per acre		mitted)
Ave		I	ndicated
1927	- Sent I		Sept. 1,
Crop	6 1938	1937	1938
Corn, all. bu 22.	9 26.6 2		2,454,526
Wheat, all 13.	5 13.2	873,993	939.972
Winter 14.		685,102	
All spring 11.	1 11.9	188,891	251.514
Durum 9.		27,791	42.011
Other spring 11.		161,100	209,503
Oats 27.		1,146,258	1,034,347
Barley 21.		219,635	
Rye 11.		49,449	250,360
Buckwheat 15.		6,777	52,500
Flaxseed 6.		6,974	7,194
Rice 46.			7,992
Grain sorghums 12.		53,004	54,018
Hay, all tame, tons 1.	25 1.42	97,097	109,265
Hay, wild		73,785	81,750
Hay, clover, tim'y,	79 .90	9,302	10,490
	11 100		
	11 1.30	24,335	28,424
Beans, dry edible,	97 2.17	27,056	29,628
100-lh begg con	0.40		
100-lb. bags699	840	15,839	14,209



Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

Churchill, Manitoba's northern port on Hudson Bay, will undoubtedly be idle as far as the movement of Canadian grain to oversea destinations is concerned this season.

Minneapolis, Minn., Aug. 23.—Grain receipts at Minneapolis over the week-end set an all-time high with 3,240 cars unloaded, including 2,014 wheat, 64 corn, 266 oats, 419 barley, 264 rye and 207 flax.

Caro, Mich.—The Caro Farmers Co-operative Elvtr. Co. received the first delivery of 1938 beans Sept. 1. According to Bert T. Pomeroy, mgr., the yield is not as large as expected earlier in the season.

Milwaukee, Wis.—Grain shipments from Milwaukee from the opening of navigation to Sept. 6 are as follows: 5.020,580 bus. wheat; 5,280,-314 bus. corn; 456,252 bus. barley; a total of 45 vessels, or 10,757,146 bushels.

Fort William, Ont.—A new all-time record for loading grain cars was established on the Portage division of the Canadian Pacific railways Aug. 25, W. M. Neal, vice-pres. and general mgr. of the western lines announced, when 533 cars were shipped to the lakehead.

Winnipeg, Man., Sept. 2.—Final summary of the wheat crop for the 1937-38 season shows total deliveries for that period at country points, 125,272,773 bus.; allowance for seed, feed, and country mills, 45,000,000 bus.; estimated in farmers' hands to market, 1,400,000 bus.—J. G. Fraser, mgr., The North-West Grain Dealers Ass'n.

Muscatine, Ia.—Approximately 80,000 bus. of corn were loaded out of the McKee Feed & Grain Co. and the Mississippi Valley Grain & Feed Co. elevators Aug. 30 and 31, shipped by barges down the river for feed and processing purposes. Both grain elevators are having difficulty in securing barges to handle the flow of grain.

Fort William, Ont.—Two humps were in operation in the local railway yards to handle grain car arrivals Sept. 1, the Canadian Pacific railway humping twice a day using two small staffs, and the Canadian National railway once a day with one large staff. Double humping however, is not expected to be employed for some time, as 2,000 cars per day are required to warrant it.

Minneapolis, Minn., Aug. 31—The early movement of grain to terminal markets has been surprisingly heavy. In the majority of cases, farmers have actually sold only such grain as was necessary to meet harvesting and threshing expenses, and are binning large amounts on the farm as well as taking both country and terminal warehouse receipts on a large part of the grain they have hauled to market. Few government loans have been made on wheat as yet.—Van Dusen Harrington Co., Paul C. Rutherford.

Barley Movement in August

Receipts and shipments of barley at the various markets during August, compared with August, 1937, in bushels, were:

***************************************			01.1			
	Re	ceipts	Ship	Shipments		
	1938	1937	1938	1937		
Baltimore	2,353	1,529				
Boston		1,800				
Chicago	940,000	821,000	248,000	250,000		
Duluth	3,405,186	2,362,687	2,063,692	1,237,456		
Ft. William	3,439,931	2,455,086	2,158,876	1,602,626		
Galveston	7,500		15,828			
Houston			27,737			
Indianapolis	18,000	3,000				
Kansas City	24,000	32,000	8,000	8,000		
Milwaukee	4,205,400	1,689,040	860,900	257,950		
Minneapolis	8,254,970	6,560,790	3,489,380	2.518,270		
Omaha	356,800	336,000	113,600	169,568		
Peoria	308,820	221,200	148,400	132,800		
Philadelphia	2,690	1,499	971			
St. Joseph	12,250	12,250	7,000			
Superior	2,570,132	924,884	1,541,009	222,999		
Toledo	18,200	7,090	7,155			

Pantego, N. C.—Eastern Elvtr. & Grain Co. began handling new corn Sept. 1, starting its drying plant a few days later and had new corn for market Sept. 10.

Duluth, Minn., Aug. 23.—Establishing an alltime high record, 1,771 cars of grain rolled into the Duluth market over the week-end. Of the 1,771 cars, 1,062 were spring wheat. Early harvest has resulted in heavy shipments to the head of the lakes. In past years the peak movement has been reached during the Labor day holidays.

Fort William, Ont., Sept. 1.—Arrivals of cars of grain from the prairies to the lakehead railway terminals during August increased more than 70 per cent over the arrivals of August last year. This year more than 16,400 cars of grain arrived here over the Canadian National and Canadian Pacific railway lines during August, while the figure for the same month was more than 9,000. The increase this year occurred during the latter two weeks of the month

Palouse, Wash.—Wallace Grain & Pea Co., one of the largest warehouse plants in the Palouse Empire, reported Aug. 26 that every available warehouse in the Palouse and Ringo plants had been filled with wheat and peas and outside platforms were being built to care for an estimated 25,000 sacks of grain received by that company. Explanation for the lack of storage facilities is given as due to the low market price, the congestion of the third largest crop in the nation's history coming at a time when little export can reduce the surplus.

Odessa, Wash., Aug. 29.—Sol Reiman, Odessa Union Warehouse Co. manager, advises company warehouses at Odessa, Harrington, Mohler, Lamona, Nemo and Irby on the Great Northern railway and at Lauer and Schoonover and Jantz stations on the Milwaukee railway, have taken in 1,400,000 bus. of the 1938 wheat crop, the largest in the company's history. The warehouses are still so full it is necessary to pile sacked wheat outside. Its Odessa station now has a pile of over 100,000 bus. of turkey red and fife wheat piled along the Great Northern tracks.—F.K.H.

Pomeroy, Wash.—Donaldson Warehouse Co. has built extra sheds outside its warehouse to accommodate the great demand for storage space for wheat. P. J. Bue, Pomeroy Storage Co., reports all houses full and 30,000 sacks on a platform outside Aug. 25. Farmers Union Warehouse Co. reluctantly closed its doors to more wheat receipts and turned off its grain receiving force Aug. 19, as the storage houses and storage space outside was crowded to the limit. The flood of wheat has filled all warehouses in the territory, with all outside available space utilized.

Duluth, Minn.—With the northwest harvesting its largest wheat crop since 1932, Duluth handled an enormous volume of grain during the month of August, the receipt of 29,400,000 bus. of grain, including 14,800,000 wheat setting an all-time record for that month. Since Aug. 1, 1938, to Sept. 10, 1938 Duluth grain receipts have reached 39,268.111 bus., shipments, 15, 357,997 bus. Last year during the same period receipts ran 20,-929,741 bus., shipments, 7,383.832 bus. Wheat receipts on this crop totals 20,594,971 bus. and last year ran 11,289,741 bus. Elevators worked double shifts and office forces of the companies as well as commission houses labored late hours in order to handle the business and avoid conges-

Oats Movement in August

Receipts and shipments of oats at the various markets during August, compared with August, 1937, in bushels, were:

Willi Ilugu	36, 1707,	III Dusii	110, 1101	· •
	Red	ceipts	Ship	ments
		1937		1937
Baltimore	70,726	65,914		
Boston	27,200	15,400		
Chicago	5.564,000	6,123,000	2,674,000	4,176,000
Duluth	6,621,437	1,512,218	2,361,176	79,370
Ft. William	390,044	131,416	1,057,101	398,703
Ft. Worth	106,000	72,000	6,000	14,000
Indianapolis	1,158,000	1,990,000	698,000	1,444,000
Kansas City	592,000	772,000	150,000	534.000
Milwaukee	490,420	870,000	159,600	210,900
Minneapolis	7,598,780	10,525,260	3,652,280	650,640
New Orleans	2,000	59,150	15,938	5,381
Omaha	1,300,243	1,566,000	214,175	677.822
Peoria	474,000	888,200	418,000	939,000
Philadelphia	41,956	32,565	47,833	
St. Joseph	502,000	498,000	140.000	112,000
Superior	2,634,477	491,883	853,106	74,000
Toledo	709,800	573,300	544,880	332,725
Wichita		15,000		7,500

tion. Sundays and Labor Day were no exception. Elevator stocks Sept. 9 were 27.800,000 bus., with a total storage capacity by local plants of approximately 48,000,000 bus.—F.G.C.

Minneapolis, Minn., Sept. 10.—Receipts of new crop flaxseed at Minneapolis have declined considerably during the past week. Evidently the peak of this year's domestic crop movement has been passed and from now on we will have a normal volume of receipts. Farmers continue to market their flax production quite freely as flaxseed prices are at a very favorable ratio compared with other grain prices. During August, two and one-quarter million bushels were received at the Minneapolis and Duluth terminal markets. The Northwest has received good rains practically every day this week. This will delay what little flax threshing there is yet to be accomplished, chiefly in northern Minnesota and northeastern North Dakota where the precipitation has been heaviest, but puts the

Rye Movement in August

Receipts and shipments of rye at the various markets during August, compared with August, 1937, in bushels, were:

	Re	ceipts	Shipments			
	1938	1937	1938	1937		
Baltimore	14,489	106,749				
Boston		1,900				
Chicago	290,000	723,000		1,015,000		
Duluth	2,900,831	2,184,690	1,005,899	444,306		
Ft. William	356,462	508,009	232,222	123,619		
Ft. Worth	28,500	7,500				
Galveston	40,500					
Hutchinson	3,000	1.500				
Indianapolis	\$4,000	131,000	24,000	42,000		
Kansas City	15.150	127,500	4,500	6,000		
Milwaukee	66,505	329,695	36,395	154,365		
Minneapolis	3,496,860	2,863,630	584,330	703,130		
New Orleans	6,849					
Omaha	299,779	281,400	165,200	277,200		
Peoria	69,200	150,000	15,200	21,600		
Philadelphia	5,766	3,309	1,135			
St. Joseph	3,000	85,500	3,000	24,000		
Superior	1,933,304	1,266,426	929,505	161,500		
Toledo	37,800	71,400	4,400	9.130		
Wichita		1,300				

Corn Movement in August

Receipts and shipments of corn at the various markets during August, compared with August, 1937, in bushels, were:

with Augus	ι, 1937,	m busne	eis, were	3:
	Re	ceipts	Shir	ments
	1938	1937		1937
Baltimore	116.027	126,654		
Boston	1,000	448,788		
Chicago	7,787,000	4,798,000	9,859,000	2,803,000
Duluth	1,243,985	728,442	2,036,801	776,085
Ft. William	* * * * * *		2,000,002	*3,747
Ft. Worth	99,000	196,500	7,500	16.500
Galveston	109,500			
Indianapolis	1,261,000	543.000	1.174.500	453,000
Kansas City	421,500	214,500	162,000	
Milwaukee	1,257,050			73,500
Minneapolis		23,250	959,691	16,900
	990,770	160,250	872,280	161,030
New Orleans	1,653,544	335,894	1,796,483	541,061
Omaha	560,000	151,200	764,620	109,636
Peoria	1,962,459	8,717,000	789,029	250,600
Philadelphia	2,450	241,552	23,006	
St. Joseph	217,500	78,000	108,000	7,500
Superior	984.057	300,062	1.598.114	468,754
Toledo	232,400	29,400	114,650	38,300
Wichita	6,500	5,200		00,000
*Argentine	corn.	5,400		
	00221			

Wheat Movement in August

Receipts and shipments of wheat at the various markets during August, compared with August, 1937, in bushels, were:

	, , ,	111 043114	113, WCIC	
	Red	ceipts		ments
D-141		1937	1938	1937
Baltimore	843,234	1,162,996		
Boston		300		1111
Chicago	4,986,000	10,183,000	3,397,000	5,664.000
Duluth	14,871,932	6,988,619	3,288,995	2,123,003
Ft. Wm.	15,259,611	6,593,290	7.837.278	4,724,350
Ft. Worth	1,758,400	1,367,800	2,730,000	837,200
Galveston	3,673,500	2,070,000	4,383,804	3,820,857
Hutchinson	1,878,800	876,400		******
Houston			623,500	
Indianapolis		996,000	298,000	230,000
Kan. City	11,531,200	15,241,600	4,840,545	6,299,125
Milwaukee	991,760	990,220	1,383,961	1,167,222
Minn'polis	18,777,370	14,256,930	4,881,230	2,431,120
New Orl'ns	1,698,642	177,164	1,461,496	21,424
Omaha	4,590,760	4,029,196	2,367,433	2,120,058
Peoria	345,600	369,000	485,000	530,400
Philadelphia	a 799,786	1,153,364	*182,961	†252,000
St. Joseph	1,299,200	2,667,200	916,800	1,646,400
Superior	6,658,180	4,095,251	1,745,104	622,092
Toledo	1,810,500	3,640,500	320,480	295,025
Wichita	1,297,500	1,437,000	811,500	1.002,000
*Includes	16,000 bus	s. exported	1. †All ex	Sported

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ground in fine shape for fall farm operations. Domestic flaxseed prices are unchanged from a week ago in spite of continued weakness in wheat prices. The quality of new crop arrivals continues good and all offerings find a ready market. There seems to be a somewhat better feeling generally and there is also an improved demand.-Archer-Daniels-Midland Co.

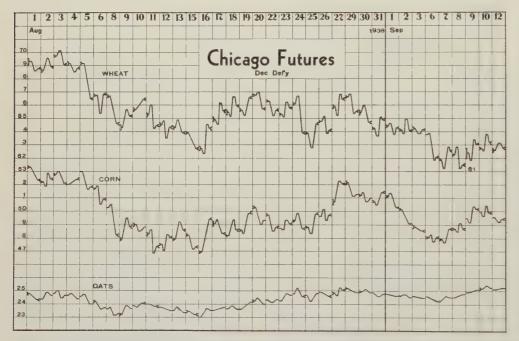
Ottawa, Ont., Sept. 8.—Canadian wheat in store for the week ending Sept. 2, 1938, increased 28,422,476 bus. as compared with the preceding week and increased 16,326,788 bus. when compared with the corresponding week in 1937. The amount in store was reported as 66,-090,748 bus., compared with 37,668,272 bus. for the preceding week and 49,763,960 bus. for the week ending Sept. 3, 1937. The stocks of 66,-090,748 bus. include 13,430,159 bus. of Durum wheat. Wheat receipts in the Prairie Provinces for the week ending Sept. 2, 1938, amounted to 24,853,649 bus., an increase of 10,147,462 bus. over the preceding week when 14,706,187 bus. were marketed. During the corresponding week a year ago the receipts were 11,788,675 bus. Marketings in the three Prairie Provinces for the five weeks from Aug. 1, 1938, to Sept. 2, 1938, as compared with the same period in 1937 were as follows, figures within brackets being those for 1937: Manitoba, 23.059,678 (15,017,345); Saskatchewan, 15,651,763 (6,251,830); Alberta, 7,668,-

ground in fine shape for fall farm operations. 778 (4,443,673) bus. For the five weeks ending September 2, 1938, and the same period in 1937, week ago in spite of continued weakness in wheat prices. The quality of new crop arrivals were received from the farms.—R. H. Coats, Dominion Statistician.

From Abroad

The Swiss National Defense Com'ite has received a plan from a member of the Swiss for storing reserves of wheat and gasoline in huge tanks at the bottoms of Swiss lakes to remove them from destruction by enemy attacks.

The Buenos Aires Grain Futures Market (Mercado de Cereales a término), in spite of crop losses suffered by Argentina which curtailed the volume of business available, showed profits for its last fiscal year of \$537,354.26 on a subscribed capital of \$2,000,000. The amount set aside for depreciation is negligible, all property having long since been reduced to a valuation of one peso. With heavy reserve funds, including \$1,528,362 worth of government bonds, the directors of the market planned to pay a dividend of \$1,350 per share on the 400 shares of the organization.



Roumania has sold an estimated 24,000,-000 bushels of wheat for deferred export ship-Roumanian farmers are allowed a bounty equivalent to 231/2c per bushel to maintain domestic prices above production costs. Their wheat, testing from 62 to 64 lbs. per bushel, has produced a larger surplus than last year (55 bushels per acre in some districts) and a possible 50,000,000 bushels are reported available for export.

Australia, Poland and Rumania followed the announcement of a bounty on export wheat from the United States, with increases in the bounties on their own exports of this grain. Russia is virtually the only wheat exporting country that has not announced a policy in regard to wheat exports. The Australian an-nouncement places Australia for the first time in the list of countries subsidizing wheat exports, and leaves Argentina the only large surplus producing country without such a program.

Cambridge, Eng.-Meterologists will some be able to estimate the probable rainfall day be able to estimate the probable faintain during a crop growing season, from which a table of expectancy of yields of farm crops can be worked out, declared Sir John Russell of the Rothamsted Experiment Station before the British Ass'n for the Advancement of Science, late last month. "We can expect to look forward to a time when crop failures will be almost unknown and when crop production will involve even less labor than it does now," he

The Netherlands increased its monopoly taxes on imported rye and barley to 1.50 to 3.00 florins per quintal, 1.50 to 2.00 on corn, wheat and oats last month, following immediately with similar increases in these fees on imports of other grains (except rice and buckwheat) and on grain derivatives and allied products (except starches). A part of the purpose was to make foreign barley less competitive with domestic corn. This action by the government resulted in a strike of the Netherlands grain trade, which closed its offices and the Corn Exchanges at Rotterdam and Amsterdam Aug. 21, 22 and 23, except for the government's wheat office. Importers and merchants protested the government's action and distributed circulars pointing out that the value of lands and farms had increased greatly during the last few years and that Holland farmers do not need more relief. The government's protec-tion measures have brought grain prices to nearly twice the level of world prices, but are generally considered failures.

Daily Closing Prices

The daily closing prices for wheat, corn, oats, rye, barley and soybeans for December delivery at the following markets for the past three weeks have been as follows:

								Wheat	t										
Chicago Winnipeg Liverpool* Kansas City Minneapolis Duluth, durum Milwaukee	Opti High 84¼ 87 88% 81% 89⅓ 89⅓	on Low 61¼ 56½ 66½ 57½ 62% 56 61%	Aug. 24 63 % 64 ¼ 75 ¼ 60 % 67 1 % 59 % 64	Aug. 25 64½ 64¾ 73¼ 61 67⅙ 59½ 64⅙	Aug. 26 64 63 % 73 1/4 60 3/8 66 5/8 58 3/8	Aug. 27 66% 65 % 71 ¼ 62% 68 % 60 66 ½	Aug. 29 65 ½ 63 % 74 % 62 67 % 65 %	Aug. 30 64 % 61 % 73 % 66 7% 59 ¼ 64 ¾ Corn	Aug. 31 64% 61½ 72½ 61¼ 67 59½ 64%	Sept. 1 64¼ 60¾ 71⅓ 60¾ 66¾ 66¾ 66¼ 64¼	Sept. 2 64 595% 71 61 657% 587% 641%	Sept. 3 64 1/4 59 1/4 70 60 7/4 65 1/2 58 1/2 64 1/4	Sent. 6 62 57 ¹ / ₄ 65 ⁷ / ₆ 59 ¹ / ₄ 63 ¹ / ₄ 56 62 ¹ / ₈	Sept. 7 621/2 587/8 667/8 591/2 641/4 565/8 621/2	Sept. 8 61% 57½ 66½ 58 63¾ 56½ 61%	Sept. 9 63 60½ 68¼ 59% 65⅙ 65% 57 63	Sept. 10 63 61% 69 595% 65½ 63½ 63½	Sept. 12 6234 611/2 681/2 593/4 655/8 571/2 623/4	Sept. 13 65½ 61½ 67¾ 61¼ 66¾ 58½
Chicago	631/8 595/8 63	467/8 431/4 47	48 5/8 45 1/8 48 3/4	493/4 463/4 493/4	49 % 46 % 49 %	52 48 5/8 52 1/8	51 48 511/8	51 47% 51 Oats	51 % 48 % 51 %	50 1/4 47 5/8 50 3/8	49 46¾ 49⅓	48½ 46 48%	48 45 ³ / ₈ 48	485% 4534 485%	485% 457% 485%	50 1/8 47 3/8 50	49 7/8 47 1/8 50	493/ ₈ 463/ ₄ 493/ ₈	50½ 48
Chicago, Winnipeg Minneapolis Milwaukee	28½ 36⅓ 25⅙ 28¾	23 25 ¾ 20 ½ 23 ½	24 ½ 29 % 22 ½ 24 %	$24\frac{3}{4}$ 30 $22\frac{3}{8}$ $24\frac{5}{8}$	$24\frac{1}{2}$ $29\frac{1}{2}$ $22\frac{3}{8}$ $24\frac{5}{8}$	25 29 5% 22 34 25	$24\frac{3}{4}$ $29\frac{1}{2}$ $22\frac{7}{8}$ $24\frac{3}{4}$	24 % 28 ½ 23 24 % Rye	$24\frac{3}{4}$ $28\frac{1}{8}$ $22\frac{5}{8}$ $24\frac{3}{4}$	24 % 27 % 22 24 %	$24\frac{1}{2}$ $27\frac{3}{8}$ $21\frac{7}{8}$ $24\frac{1}{2}$	$24\frac{1}{2}$ $27\frac{1}{8}$ $21\frac{5}{8}$ $24\frac{1}{2}$	24 1/4 25 3/4, 21 5/8 24 3/8	24 ½ 26 ¾ 21 ¾ 24 ½	$24\frac{3}{4}$ $26\frac{3}{8}$ $21\frac{3}{4}$ $24\frac{3}{4}$	25 1/8 28 1/4 22 1/4 25 1/8	25 1/4 28 1/4 22 1/8 25 1/4	25 ¹ / ₄ 28 ¹ / ₄ 22 ¹ / ₈ 25 ¹ / ₄	25 3/8 27 7/8 22 1/8
Chicago Minneapolis Winnipeg Duluth	56 45 ½ 55 ½	3934 347/8 37 39	41 % 37 40 % 40	425/8 373/4 401/4 40	425% 3734 4034 41	43¾ 38¾ 41½ 41	43 37 % 40 % 41	42½ 37½ 39½ 41 Barley	42 5/8 37 1/2 38 5/8 41	41 % 37 38 41	41 5/8 36 5/8 38 1/4 40 3/4	41	403/4 35 371/8 39	40 % 35 % 38 % 40	4034 355% 37 40	42 37 39 % 40	423/8 371/4 393/8 40	43 37¾ 38¾ 39	43 \% 38 \frac{1}{2} 38 \7\% 40
Minneapolis	39½ 49¾	30 % 33 1 ₈	325% 371 ₂	33 37 14	321/8 373/8	32¾ 37%	32½ 37½	3234 36% Soybear	33 36½	32 ½ 35 %	$\frac{32\%}{34\%}$	31 % 33 ½	30 ½ 33 ½	30	30 % 33 %	31 3/ ₈ 35 1/ ₈	31 % 34 %	31½ 34½	31 % 34 ½
*At daily current rate		75 1/8 ange.	77	76½	761/4	77	77	77½	77	77	771/4	771/4	75 %	751/8	75%	761/4	77	76½	761/2

Hungary's 1938 grain crop production estimates (compared with last year) are as follows: Wheat, 96,415,000 bushels (72,158,000); rye, 32,242,000 (24,325,000); barley, 30,681,000 (25,579,000); oats, 19,152,000 (18,629,000); corn, 102,632,000 (108,606,000). International Institute of Agriculture, Rome.

The French National Wheat Office has fixed the price on France's 1938 crop at 204 francs per quintal (\$1.57 a bushel). This compares with 180 francs (\$1.35 per bushel) in 1937. The price is based on indices of the cost of living. The French government is reported offering 500,000 bushels of wheat from old security stocks for export.

Polish grain production this year is expected to exceed the average harvest of 1933-37 by 10%, according to preliminary estimates reported by United States Consul M. E. Malige at Warsaw. Indicated is an exportable surplus of about 992,000 short tons. The government, to control internal markets, established on Aug. 1, export bounties in the form of customs certificates that may be used to pay import duties, amounting to 4 zlote per 100 kilogram (34c per hundred weight) on exports of rye, wheat, barley, and oats, and offered similar bounties at varying rates on exports of flour, groats, beans, oleaginous seed, and malt.

The South Australian State Cabinet is studying the Cecil W. Anderson Plan for pooling all wheat, once it has been delivered by the grower for storage, fixing freight, storage, and handling charges; and using certificates showing ownership of stored wheat, its weight and quality, for trading purposes in an auction-sales system proposed to be established at Adelaide. Proposed is installation of bulk weighing and handling equipment at all points where wheat is delivered, and the setting by statute of deductions for freight, storage, and other handling charges, which could be endorsed on the certificate. The buyer of a certificate would pay the farmer the f.o.b. price named in the sale, less the deductions for freight, storage and handling, which he would pay to the board administering the plan.

Georgia farmers are plowing up hundreds of acres of cotton to escape the 7 cents per pound A.A.A. penalty on the excess.

Truck Unloading Facilities of Omaha Mill

The livestock industry has exhibited a prompt willingness to provide facilities for receiving livestock delivered in trucks. At the Omaha stock yards the early morning hours find a long stream of trucks, loaded with bawling, squealing, and sometimes silent cattle and hogs, lining up to take their turn at the unloading runs.

To accommodate this traffic in livestock a new concrete toll bridge spans the Missouri river on the most direct route from Iowa's livestock producing areas to South Omaha and the stock yards, and a new 40 ft. concrete highway leads from the bridge to the

Special unloading facilities at the yards accommodate the truckers. The unloading docks are faced by a large, protected, concrete floored area, on which the trucks are easily backed to the unloading runs. The unloading docks are close to the Livestock

Large grain processors have been slow to provide modern facilities for expediting the unloading of trucks, tho country elevators have been quick to speed up their facilities for receiving grain from large trucks.

A few truckloads of grain have been re-

A few truckloads of grain have been received at Omaha industries during the last year, these being run over carload receiving pits for makeshift unloading. Trucking of grain from farms and country points to this grain center has generally been discouraged. But demand has finally broken down the

But demand has finally broken down the resistance, and facilities for unloading trucks are now under construction at the Nebraska Consolidated Mills in Omaha.

These facilities consist of a concrete, blind-end driveway, 14 ft. wide, 17 ft. high, and 43 ft. long, attached to the street-end of a row of storage tanks. Attached to the street side of this driveway is a small scale-house, 14 ft. long, 5 ft. wide at one end, 7 ft. wide at the other.

In the driveway will be installed a Kewanee pneumatic truck lift and the 34 ft. deck of a 20-ton Fairbanks open-side dump scale for weighing big and little trucks alike.

The truck lift will be used to dump straight trucks. For unloading the trailers and semitrailers it is understood that a small car shovel, on a swinging arm, will be installed near the driveway entrance. The driveway entrance is 12 ft. wide and 13 ft. high, big enough to admit even the largest truck used for hauling grain.

Under the scale deck are two huge grain receiving pits, almost the full width of the driveway and extending 20 ft. below the scale deck. Hopper bottoms are to be built into these pits, and they will be drained together at their inside corners, thru the foundation walls of the tanks to the tunnel conveyor belt that is used to unload the storage tanks. By this belt grain received by truck will be delivered to the elevator legs for elevation.

The Miller Cereal Mills, which manufactures corn products, is reported to have been the first Omaha industry to arrange to accept grain from trucks, these receipts consisting of corn.

Nebraska Consolidated Mills is the second industry to fall in line. Its action rests on need for local wheat to offset its local and trucked trade in flour, and its experience with receiving trucked wheat at its mills at Nebraska interior points like Fremont and Grand Island.

Behind its decision to build truck receiving facilities at Omaha is also the experience of mills at Sioux City and Kansas City. A Sioux City mill, for instance, is alleged to have received 500,000 bushels of wheat from Kansas and interior Nebraska points during 1937 from trucks that hauled corn to feeders and brought wheat on the return trip.

Included in the building program being carried out by the Parsons Construction Co. for the Nebraska Consolidated Mills at Omaha is a warehouse and a new, off-the-street loading dock under cover to which trucks may be backed for loading with flour, bran, shorts, and other mill products in any kind of weather.

Washington News

The Agricultural Adjustment Administration has announced cotton price adjustment payments averaging about 2.89c a lb., and a total of \$127,000,000, will be paid to cotton planters who stayed within their 1938 acreage allotments.

The Department of Agriculture has announced a base rate of 8.30c per lb, for loans on 1938 cotton. This compares with a base rate of 9c a lb. last year. The full loan rate is restricted to growers who stayed within their 1938 acreage allotment; non-co-operators will be allowed only 60% of the full loan rate to help them hold cotton off the market.

Sec'y of Agriculture Henry A. Wallace, speaking at St. Anne de Bellevue, Quebec, Canada, denounced use of export subsidies by other countries, but declared that their subsidies had forced the United States to take "fully as aggressive action" to secure its share of world trade. He told the International Conference of Agricultural Economists: "In the realities of 1938 we find numerous countries pursuing their programs of price fixing and export subsidy with little regard to the fact that, when carried to an extreme, they have been mutually self-defeating."

Division of export trade among different surplus countries probably will depend mainly on the working out of their various subsidy programs. Balkan countries probably will have the edge over other countries, because of the possibility of barter and clearing agreements, thru which shortage of exchange can be overcome, and because of desire of some importing countries to strengthen political ties in that region.—Gilbert Gusler, statistician, Millers' National Federation.



Truck-load Receiving Facilities Under Construction at Nebraska Consolidated Mills, Omaha, Neb.

The National Ass'n Going to Toronto

For the first time in ten years, the annual meeting of the Grain and Feed Dealers National Ass'n will be held in a city easily accessible to members living in northern and eastern states. This annual meeting will be held on Sept. 26-27 at Toronto, Canada, the city that was recommended by eastern members for 1938. Incidentally, it is the first meeting ever scheduled outside the borders of the United States. Twelve years ago the meeting was held in Buffalo, and ten years ago in Boston.

Indications are for a large attendance at the Toronto meeting. Although a large number of the convention visitors are expected to come from the northeastern states, many will come from the Mississippi Valley, and a few from

the Pacific Coast.

Everybody Joins In

Interest in these annual programs seems to grow as the individual members have increased opportunity to join in the discussions. For that reason, the convention program this year is almost entirely group meetings, where every person attending is invited and urged to take part in the discussions. Fewer "set speeches" will be delivered at this convention than ever before, although nationally prominent people are scheduled as leaders in the discussions.

The Toronto hosts have made pleasing provision for the enjoyable entertainment of the visitors. There are separate programs for men and women convention visitors. Each convention guest pays \$3 when registering, and this sum goes to the Toronto hosts to help defray expenses of the entertainment.

Meal-time Conferences

Some of the group discussions on the program at Toronto will be scheduled as breakfast conferences or luncheon conferences. Members are



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invited and urged to attend these meetings, paying their breakfast or luncheon price at the table. However, any who wish to take part in these meetings without attending the breakfast or luncheon are invited to enter the conference room at any time without cost. Seating arrangements will be made to take care of many in addition to those who join in the breakfast or luncheon.

A number of groups will have meal-time conferences or meetings for their members, or will have time apart from the main convention program. Every effort is made by the National Association to have these meetings scheduled at times that will not conflict with the main pro-

The Grain Inspectors National Ass'n will hold its annual meeting on Monday, Sept. 26, and will join in the luncheon on Monday where federal agency officials and trade leaders will discuss federal grain standards work.

The Weighmasters National Ass'n will meet in Toronto on Sunday, Sept. 25, so its members will be free on Monday and Tuesday so its to take part in the convention program and

The "Circle," a separate organization of men prominent in the trade, will hold its annual meeting on Sept. 27

The Secretaries of state and local associations affiliated with the National will meet at breakfast conferences both mornings of the

The Wheat Export Advisory Committee recently appointed has asked that its members meet in Toronto at convention time, for purposes of permanent organization.

A conference between officers of the National Ass'n and the National Grain Trade Council will be held to consider plans of joint action in

Editors of grain and feed trade journals are invited to meet at an annual breakfast, as guests of the National Ass'n.

Officers, directors and ex-presidents of the National Association will meet at dinner at the Royal York Hotel on Sunday evening, Sept. 25. The dinner will be preceded by a short business

Hotels in Toronto

The convention headquarters will be in the The convention headquarters will be in the Royal York Hotel at Toronto. Rates at this hotel start at \$3.50 single and \$6.00 double. There are other hotels in the city and within walking distance of the Royal York, where rooms may be had from \$2.50 single and \$4.00 double. Reservations should be made direct with

Many convention visitors will go to Toronto via Chicago, and many of these will leave Chicago on the 8 p. m. train, arriving at Toronto in time the next morning to get their rooms, have breakfast and register before the general session of the convention opens at 10 o'clock. Many who will go by way of Buffalo and Niagara Falls expect to arrive in Toronto late Saturday night, or Sunday afternoon.

Buffalo Invites Visitors

The members of the Buffalo Corn Exchange, who were active in recommending Toronto as the 1938 convention city, invite all conventionbound members to stop off in Buffalo on Sat-urday, Sept. 24, and visit the exchange floor. President J. G. McKillen will head a committee of the Buffalo members in welcoming visitors to that market. Buffalo, with its great elevator capacity, is one of the important grain markets of the country, and it has a most active group in its Corn Exchange. Convention visitors who go on to Toronto that night or Sunday will find company in scores of dealers who also are going to Toronto.

Convention Program

The final form of the convention program cannot be known for a few days. However, when guests register they will be given a printed program showing all program events, all entertainment features, and all necessary convention information. Room numbers will be given for group meetings.

Here is the program as now made up in ten-

tative form:

Sunday, Sept. 25

a. m.-p. m.-Weighmasters National Ass'n annual meeting.
2:00 p. m.—Registration desk open in Royal

York hotel.

4:00 p. m.—Informal reception for visiting ladies, at the hotel.
5:00 p. m.—National Association, business

6:30 p. m.—Annual dinner, directors, officers and ex-presidents of the National Ass'n.

Monday, Sept. 26

8:30 a. m.—Secretaries' breakfast conference. 8:30 a. m.—Convention committees, breakfast conference.

Annual meeting of Chief Grain Inspectors

Annual meeting of Chief Grain Inspectors National Ass'n starts this morning.

10:30 a. m.—General Convention Session. Addresses of Welcome, and Trade responses. "The Grain Trade Takes Inventory," by President O. F. Bast of the National Association. "The Problem of Wheat Exports," by Herbert L. Bodman, Milmine & Bodman Co., New York, N. Y.; "The Grain Marketing Situation in Canada," by Major H. G. L. Strange, Searle Grain Co., Winnipeg, Man., Canada.

12:00 noon—Luncheon for visiting ladies, to be followed by a fashion display, at one of Toronto's leading stores.

Toronto's leading stores.

12:00 noon—Luncheon conference on grain of Brookings, S. Dak; Dr. E. C. Parker, chief of the Grain Standards Division, Washington, D. C.; Paul Larson, president, Chief Grain In-

spectors National Ass'n.

12:00 noon—Luncheon conference on commodity exchange problems. Discussions led by F. A. Theis, chairman, National Grain Trade Council, Kansas City, Mo.; Dr. J. W. T. Duvel, chief, Commodity Exchange Administration, Washington, D. C.; Kenneth Templeton, president, Chicago Board of Trade; J. M. Mehl, Commodity Exchange Administration, Washington, D. C.

2:00 p. m. Group.

2:00 p. m.—Group meeting on problems of trucking competition. Discussions led by Frank M. Stoll, secretary, Associated Southwest Country Elevators, Kansas City, Mo.; Chester M. Weeks, St. Joseph, Mo.; and by representatives of affiliated associations.

2:00 p. m.—Tentative: conference of members of Wheat Export Advisory Committee.

5:00 p. m.—The Stag Party, for men. Tuesday, Sept. 27

8:30 a. m.—"Circle" breakfast.

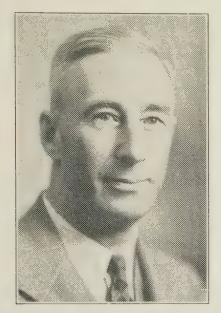
8:30 a. m.—Secretaries conference and break-

8:30 a. m.—Convention committees, breakfast

meeting.
10:30 a. m.—General convention session. "The 10:30 a. m.—General convention session. "The U. S. Crop Insurance Corporation's Program," by Leroy K. Smith, manager, U. S. Federal Crop Insurance Corporation, Washington, D. C.; discussion period led by C. A. Johnson, assistant manager of FCIC; "The Federal Crop Loan Program," a discussion by C. D. Sturtevant, president, Bartlett-Frazier Co., Chicago, III. The annual business session of the National Association, followed by the election of officers

Association, followed by the election of officers. 12:00 noon—Annual Feed Men's luncheon. E. C. Dreyer of St. Louis, Mo., presiding; "Wage-Hour Problems of the Grain and Feed Trade," a discussion by Herman Fakler, Washington, D. C., representative of the Millers National

Heads Toronto Hosts



Fred Dunsford of Parrish & Heimbecker, Ltd., Toronto, is acting chairman of the Toronto Toronto, is acting chairman Entertainment Committee.

Federation; "The National Feed Week Program," by D. K. Steenbergh, Milwaukee.
2:00 p. m.—Tour of the City of Toronto, for visiting women; the tour to be followed by a tea at one of Toronto's famous cafes.
2:00 p. m.—Annual golf tournament and horse shoe pitching contest; St. Andrews Golf

7:00 p. m.—The annual banquet. Speakers and program provided by the Toronto hosts.

Toronto Pointers

No Duty is collected on exhibits entering Canada or returning to the United States. There is no Duty on anything in connection with the conduct of the convention. There is Duty on Souvenirs, Samples and Advertising, but if proper arrangements are made the Toronto Convention and Tourist Association Inc. will pay any Duty imposed. Each citizen of the U. S. A. can bring home foreign goods to the amount of \$100. duty free.

Toronto 2, Ont. We in the Grain Trade here are all looking forward to this convention, and can assure you that we will give a hearty welcome to all the delegates who attend.—G. D. Brundrit, Manager, Grain & Feed Department, The United Farmers Cooperative Co. Ltd.

Grain dealers who plan on driving to the Toronto convention of the National Association should write to the Toronto Convention Association, at Toronto, for information regarding the paved highways leading to Toronto. It should help them to reach the city by the direct and most comfortable route, and help them to avoid unnecessary travel and detours. Ontario has many well paved highways, all of which lead direct to Toronto.

The Poval York Hotel Toronto which is

The Royal York Hotel, Toronto, which is headquarters for the 42nd annual convention of the Grain & Feed Dealers National of the Grain & Feed Dealers National Ass'n, is perfectly equipped to take care of large conventions. The second floor is planned especially and set aside for the accommodation of large conventions. Its grand foyer is 94 x 45 feet; its ballroom is 145 x 25 feet; its convention hall is 140 x 65 feet and its banquet hall, 166 x 65 feet. Committee rooms are also provided on this floor so every consideration is given to the accommitment. so every consideration is given to the ac-commodation and convenience of the asso-ciation and its various activities.

Casa Loma is the embodiment of some of the finest examples of architecture in England and the Continent. It is just as though some Aladdin had transported this magnificent castle from the old world to the new and placed it on a high hill overlooking Toronto. It is truly one of the real show places of the city, and guides conduct vis-itors through its palatial halls every day of the week.

Toronto has but one large fire proof grain elevator, but it has a number of live progreselevator, but it has a number of live progressive grain dealers and the grain trade ass'n is connected with the Toronto Board of Trade. Continuous market quotations are posted in the Bank of Commerce Building by James Richardson & Sons and in the King Edward Hotel by Parish & Heimbecker Ltd.

The Weighmasters Nat'l Ass'n will hold its annual meeting in the Royal York Hotel

Sunday Sept. 25th.

The Chief Grain Inspectors Nat'l Ass'n will hold its annual meeting in the Royal York Hotel Monday Sept. 26.

The Buffalo Corn Exchange will keep open house Saturday Sept. 24 for all grain dealers going to the Toronto convention.

The Toronto hosts, headed by Fred Dunsford of Parrish & Heimbecker, and by Director F. T. Carnegie of Toronto Elevators, Ltd., are offering entertainment programs for both men and women visitors. Golf and horse shoe pitching are to be staged at the famous St. Andrews Golf Club, one of the finest in North America.

Registration will be open on the convention floor (the second floor) of the hotel. The registration fee will be the same as in former years, \$3.00 per person. The proceeds go to the Toronto hosts to help defray expenses of the entertainment.

First class round trip fares with stop-over privileges en route, tickets good until Oct. 31, Chicago to Toronto and return via De-troit or Port Huron, \$26.60; one way fare \$15.70; going and return via Buffalo, \$30.10; one way, \$18.45; Pullman, lower berth, \$3.95; upper, \$3.00.

Niagara Falls will be along the route for most of the visitors at the Toronto conven-tion. Those traveling by motor car can go through Niagara Falls without extra mileage.

through Niagara Falls without extra mileage. Toronto is Canada's most important commercial and industrial center with a population of more than 850,000. Toronto is on the northern shore of Lake Ontario, midway between New York and Chicago, 11½ hours by rail from each city. It is only 14 hours distant by rail from Cincinnati, Washington or Philadelphia. It is 100 miles from Buffalo on the paved highway, which makes it 85 miles beyond Niagara Falls. Toronto can be reached overnight by rail, or by one day's motoring, from all population centers in eastmotoring, from all population centers in east-ern and central United States.

Arsonist Destroys Three Canadian Elevators

Destruction of three Canadian country elevators by fire within a week, all belonging to the Saskatchewan Pool Elevator Co., and lo-cated at Engelfeld, Drake, and Wimmer, Saskatchewan, have aroused authorities to a conviction that the fires were set by a fire

"bug."
Adjusters and the police, investigating the fires found candles and oil soaked waste in nearby elevators in which the flames were arrested. At Wimmer they discovered that a stranger to the district had purchased candles and coal oil at the nearby village of Watson, the day before the fire. Having a description of the stranger they are hot on his trail.

Losses to the Saskatchewan Pool Elevators in the three elevators destroyed late last month exceeded \$50,000 in buildings and grain. The elevator at Drake, destroyed Aug. 31, was valued at \$12,000 and contained \$3,500 worth of grain.

A Complete Export Service

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1702 ROYAL BANK BLDG., TORONTO Barley and Malt By-Products

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R. C. PRATT

68 KING STREET EAST TORONTO

MILLFEED: FLOUR: GRAIN

Import—Export

Modern California Feed Mill

Sonoma County, California, just north of San Francisco, is said to have more chickens than any other county in the United States.

Growing steadily for over 30 years, poultry production in Central California has developed into big business, consuming so much feed that the producers require up-to-date equipment of large capacity to manufacture feed. In this development the lead has been taken by the incorporated Poultry Producers of Central California, with general offices in San Francisco. Since organization in 1916 the company has purchased plants at Penn Grove, Petaluma and Stockton, now operating two complete feed mills at Stockton, and employing \$1,300,000 capital in the feed department.

The new plant just completed and formally dedicated Aug. 25 is located on a triangular site at Petaluma about 35 miles north of San Francisco on the Petaluma River, giving water transportation to San Pablo Bay, with shipping facilities over the Northwestern Pacific (steam) and Petaluma & Santa Rosa (electric) Railroads, both connecting with the

Southern Pacific.

Comprised in the new plant are a 7-story and basement feed mill building, grain elevating head house 166 ft. high, concrete grain storage annex 54x95 ft., 2-story warehouse 130 ft. wide, shed 61 ft. long covering track pit and truck pit, and dock warehouse with barge hopper.

THE FEED MILL of reinforced concrete is on a foundation of 1,120 douglas fir piles driven 20 feet into the ground to a solid footing. It is 54 ft. wide, 95 ft. long and 109 ft. high, covering a ground area of 44,560

square feet.

On the 7th floor of the mill are one size No. 453-A Eureka Cracked Corn Separator and Grader equipped with Buhler Drive, ball bearings on fan and countershaft, automatic brush sieve cleaners and vibratory sieve cleaners; three No. 5 Eureka Standardized Three-Screen, Two-Air Cleaners equipped with Buhler Drives, ball bearings on fan and countershafts, automatic brush sieve cleaners under main and seed screens, one for cleaning corn, one for wheat and milo and one for barley and oats; three "Stearns" high duty class "A" spout-type magnetic separators with au-

tomatic safety gate.

On the 6th floor are 4 motor driven fans for hammer mills made by the Williams Crusher & Pulverizer Co., two tubular dust collectors for hammer mills, made by Jacobson Machine Works, a Plansifter for grading cracked wheat and cracked milo; conveyors distributing ingredients to 15 stock bins over scratch and chick feed percentage feeders and conveyor distributing ingredients to 27 bins over dairy and poultry feed percentage feeders.

and poultry feed percentage feeders.

On the 5th floor is a Eureka Cracked Corn Polisher.

On the 4th floor are pelleting machine for making different sized pellets, capacity, 90 to 100 sacks per hour; continuous mixer for mixing poultry mashes; continuous mixer for mixing dairy feeds; molasses heating tank and metering equipment for feeding molasses into ground and mixed feeds; 30-in. Eureka double disc aspirator for recleaning scratch and chick grains after mixing

and chick grains after mixing.

On the 3rd floor are 42 percentage feeders of the Draver Type supplied by the B. F. Gump Co. These automatically cut in the exact amount of each ingredient required for each brand of dairy feed being mixed; 18 percentage feeders which percentage exactly the various ingredients for each type of poultry feed being mixed; 5 percentage feeders for automatic proportioning of the ingredients used in scratch feeds; 10 percentage feeders for proportioning the ingredients used in chick feeds

On this floor also are cooler for pellets before sacking, a 9x30 in. double roller mill for

cracking corn; a 9x30 double roller mill for cracking wheat, milo and similar grains, and four 30-h.p. motor driven hammer mills to grind barley, wheat, oats and sorghums.

On the 2nd floor are two 9x30 in. Nordyke double roller mills with rolls mounted in authoristically likelying the proposed for the proposed

On the 2nd floor are two 9x30 in. Nordyke double roller mills with rolls mounted in automatically lubricated bearings and two Nordyke 18x24 in. standard flaking mills for flaking barley and oats; two Unique 24 in. direct motor-driven ball-bearing attrition mills used for grinding wheat, corn, or other coarse grains; sack conveyor from adjacent wharf on Petaluma River to convey sacked materials from barges to warehouses, and two Special sack sewing machines.

On the 1st floor are two No. 3 Eureka Special Steel Scalping Shoes equipped with Buhler Drives and two No. 10 Invincible Tubular Dust Collectors. These shoes receive rolled barley from barley rolls and separate the fine particles. They are also used for cooling. Eureka batch mixer with 2,000-pound capacity. This mixer is used for pre-mixes and special mixes. It will turn out a maximum of five batches per hour. Conveyors for transferring various grains from head house to milling department.

Besides the percentage feeders other feeders included in the plant are one No. 114 Style D Feeder for feeding alfalfa; and one No. 251, Style F Wing Type Feeder for feeding Sunflower seeds; three No. 36 Vibrox Bag Packers for packing 100 pounds of mash and dairy feeds into minimum size bags and with minimum labor.

Automatic scales of the Richardson make are used in the mill, two enclosed type dustproof sacking scales weighing dairy and poultry mash feeds into 100 lb. bags. These scales are generally operated at five to six 100 lb. bags per minute, although on some feeds higher speeds are realized. There is also one molasses feed sacking scale of 100 lb. size also of fully enclosed dustproof type for weighing feeds containing up to thirty per cent mo-

lasses. This scale normally operates at six or seven 100 lb. bags per minute, but some users are drawing off eight or nine per minute without difficulty. One 3-bushel grain sacking scale of open type floor portable model is used for bagging dry free-running grains at six to seven bags per minute. Two other machines of the same type but of overhead stationary model are used for weighing 100 lbs. of scratch and chick feeds. These three machines are rated at six to seven 100 lb. bags per minute each.

The normal feed manufacturing capacity is 30 tons per hour.

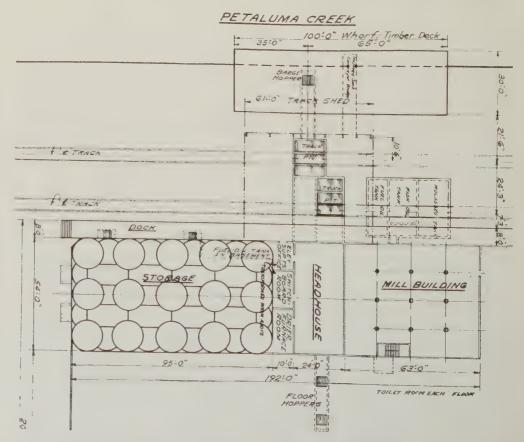
THE HEAD HOUSE is 24x54 ft. On the top or head floor are the heads of the two elevator legs and two Wagner Barley Bearders and motors. On the floor below is a No. 9 Niagara Receiving Shoe of 150 tons per hour capacity to clean grain. On the distributing floor below the cleaner are three 12x17 ft. radius trolley spouts. On the gallery floor above bins are the two 24-in. belt conveyors passing out over the storage annex bins, and the Zeleny room.

All upper bins are hoppered to avoid elevation for running thru the two Disc Separators. On this intermediate cleaner floor is the head of the receiving leg driven by a 20-h.p. motor and having 14x7 buckets, 12 in. centers on 15-in. 7-ply belt.

On the first floor of the head house are a 36-ton hopper scale, furnace room for grain drier, superintendents' office and main switch-

A Barnard & Leas continuous belt elevator gives speedy access to every floor. The elevator legs in the head house, belt conveyor machinery, trippers, garner valves, truck pit and track pit hoppers and controls, steel legging and spouting were supplied by the J. B. Ehrsam & Sons Mfg. Co.

All of the elevator buckets were supplied by the Screw Conveyor Corporation and consisted of approximately 3,200 Salem elevator buckets, ranging in size from 5x4 in. to 9x5 in. in the legs handling grain and other granular materials, also approximately 2,000 Nu-Type



Floor Plan, Elevator, Mill Building and Track Shed, of Poultry Producers of Central California, Inc., Petaluma, Cal. [See facing page and outside front cover.]

Flour Mill buckets which ranged in sizes from 6x4 in. to 10x6 in. in the legs handling mash, ground feeds and similar soft stocks. Also all of the Reliance and Norway elevator bolts used on this job.

THE STORAGE ANNEX has 15 circular tanks 14 feet in dameter and 110 feet high. Between these 15 circular tanks are 24 inter-stice tanks, making a total of 39, with a capacity of 12,500 tons. All of these tanks have hopper bottoms.

Two belt conveyors in the gallery grain to the bins, and two belts in the basement carry grain from the bins to either of two legs in the head house. The tanks are hoppered 8 in 12, except the soft feed bins, which

are hoppered 60 per cent.
This Zeleny Thermometer System has thermocouples spaced six feet apart, reaching from top to bottom of the 35 bins. The heat generated by grain out of condition is conducted to the nearest thermocouple in that area, which in turn generates a very small amount of electrical energy, which is in proportion to the amount of heat imposed upon the thermocouple. This small current registers on a galvanometer, especially designed to read direct in Fahrenheit degrees, located in a reading room on the bin floor level outside the gallery wall. Floor fittings and conduit are imbedded in the concrete bin floor and gallery side walls. multiple connecting cable neatly taped and painted, suspended overhead inside the gallery wall, terminating in the instrument room, constitutes the only visible evidence of a thermometer installation. This system does not employ any outside electric current when operating.

In the space between the head house and the storage annex is a Randolph Direct Heat Drier

of 500 bus. per hour capacity.

Outside the mill building and under the railroad track are large tanks for 20,000 gals. molasses, 12,000 gals. fish oil and 12,000 gals.

IN THE TRACK SHED the track next the elevator building is used for loading out from a spout of 10-in. well casing extending to belt gallery floor. Cars are unloaded on the outer track, and trucks thru a dump nearer the elevator, the grain being carried in on A car puller moves the cars.

Barges are unloaded from the dock into the mill by sack conveyor.

On the opposite side another belt enters the head house basement to handle material from floor hoppers in the warehouse. The arrangement is such that all operations can be carried on simultaneously, loading and unloading cars and trucks

THE WAREHOUSE of stucco with galvanized iron roof is approximately 135 feet wide and 267 feet long. Each of the two floors contains eight-tenths of an acre of floor space. Sack conveyors extend from the mill into the

A 60-h.p. steam boiler in the warehouse generates steam for rolling barley, for the pellet mill and for heating molasses. It is equipped with oil burner and is automatically

controlled.

Included in the belting for legs was 4,900 feet of Easton white solid woven cotton belting. A thousand horse power of Fairbanks-Morse Electric Motors is used to drive by individual drive the different machines and conveying machinery

The Jones-Hettelsater Construction Co. designed and erected the mill and elevator. The Vogensen Construction Co. built the ware-

C.C.C. loans on corn Sept. 8 aggregated \$22,708,934 on 46,789,320 bushels. By states the number of bushels covered is: Colorado, 2,327; Illinois. 7,900,335; Indiana, 1,052,089; Iowa, 27,642,380; Kansas, 26,237; Minnesota, 3,741,633; Missouri, 1,524,228; Nebraska, 3,545,888; Ohio, 99,612; South Dakota, 1,250,388, and Wisconsin, 4,203.

Amendments to the Wagner labor relations act were suggested recently by Geo. H. Davis, pres. of the Chamber of Com-merce of the United States. He argues that Congress should consider amendments that would make it unlawful for any person or group to interfere with, restrain, or coerce employes in the exercise of the rights guaranteed under the act or to induce or compel, or attempt to induce or attempt to compel any employes to become a member of any labor organization by means of any threat, intimidation, or coercion. It should be unlawful, he said, to engage in a sympathetic strike or in a strike for the purpose of inducing or forcing any person or organization to violate any labor agreement or contract, or any law.

Wheat and Flour Export Subsidy

The Federal Surplus Commodities Corporation began buying wheat Aug. 27 under an invitation for offers given out Aug. 26:

Purchases the first day were 35,000 bus. and on Aug. 30 the total purchases reached 1,530,000 bus., and 1,400,000 bus. had been resold to exporters at a loss of 4 to 7 cents per bushel.

By Sept. 7 the F.S.C.C. had bought 6,188,-983 bus. and sold 1,868,264 bus.

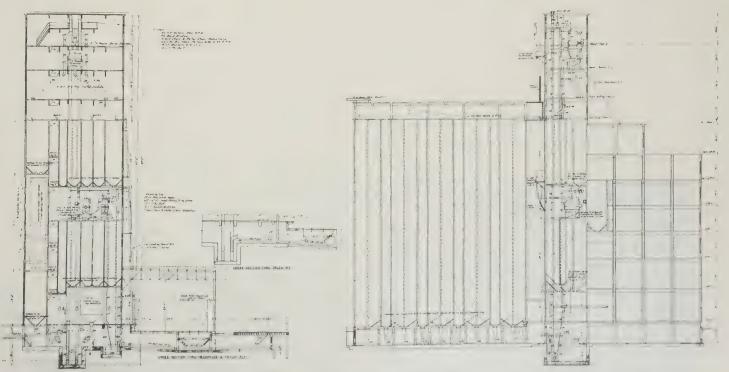
On Saturday, Aug. 27, after the announceon Saturday, Aug. 27, after the announcement wheat for December delivery in Liverpool closed at 73%c per bushel, and Chicago December wheat at 64%c. Several days later, Sept. 8, Liverpool closed at 66¼c, and Chicago at 61%c. Thus government buying resulted in a drop in the United States price of 3¼ cents per bushel, and in the Liverpool price in a drop of 7¾c per bushel, the drop abroad being greater because the A.A.A. was willing to take a subsidy loss of 4 cents per Had the Liverpool market remained firm the Chicago price would have risen 4 cents per bushel, giving American wheat growers 4 cents more per bushel. As it is there is no benefit but a loss to the American wheat grower, while the foreigner gets his wheat 4 to 7c cheaper at the expense of the American taxpayer.

After a few days the A.A.A. expressed dissatisfaction over the small demand for wheat abroad, and decided not to give out daily announcements of the amounts bought and

THE FLOUR SUBSIDY program was announced Sept. 3, and became common knowledge Sept. 6, being timed for favorable Monday morning newspaper publicity.

The flour indemnity payment was raised Sept. 8 to 50 cents a bbl., except on the Pacific coast, where it was placed at 35c a bbl. The bounty will be paid on all flour irrespective of the variety of wheat used in its manufacture.

The subsidy to millers of 50c a bbl. on flour for export roughly amounts to 11c per bus. on wheat based on 4.6 bus, to the bbl., and is greater than the loss now being absorbed by the F.S.C.C. on wheat exports.



End and Side Elevations, New Elevator and Feed Mill of Poultry Producers of Central California, Inc., Petaluma, Cal. [See facing page and outside front cover.]

Craffin Carries

Alfalfa meal rates increased from 47 to 49c from Pacific to Atlantic ports, have been approved by the Maritime Commission.

The average freight haul by the railroads 1937 was 355 miles compared with 255 miles in 1913.

The strike vote being taken on the 15 per cent wage reduction is to be complete by Sept. 26, but the railroad men cannot quit before Dec. 1.

Highway carriers operating from Chicago number 480 and reach more than 18,000 cities and towns in the United States and Canada. Their routings fill a book of 156 pages.

The Commissioners of the Port of New Orleans have asked the U. S. Maritime Commission to investigate the arbitrary fixing of rates on grain higher from Gulf ports than from Montreal by the Tramp Shipping Administrative Committee at London.

Lake rates for grain movement are showing an up trend with the increase in demand for lake boats. Duluth to Buffalo rates have held at 134c most of the season, but are now strengthening to 2c for the larger boats as well as the medium sized vessels.

A complaint, No. 28090, has been filed by the Tex-O-Kan Flour Mills Co., Dallas, against rates on grain and products from the Southwestern states to Pennsylvania, New York and New England points. Undue preference is alleged to shippers in Kansas, Missouri and Nebraska.

Washington, D. C .- Grain and grain products were loaded into 45,389 cars during the week ended Aug. 27, reports the Ass'n of American Railroads. This compared with 40,638 cars in the same week a year ago, and 36,536 cars during the same week in 1936.

Washington, D. C.—Class I railroads in the first seven months of 1938 had a net railway operating income of \$109,335,282, which was at the annual rate of return of 0.84 per cent on their property investment, according to the Association of American Railroads. In the first seven months of 1937, their operating income was \$360,451,578, or 2.79 per cent on property invest-

Kansas City, Mo.-Local rail lines have increased the charge for reconsigning grain after having been officially inspected to \$2.97 a car. No reconsigning charge applies on the first official inspection if reconsigned within the demurrage free time. The charge will also not apply when the car is unloaded at the station where officially inspected if reconsigned within the demurrage free time even though it has been previously officially inspected.

Higginsville, Mo.—This trucking prob-lem has certainly a lot of angles to it and it seems that when it gets to the last analysis there is going to have to be a reduction in freight rates if grain is to be transported by rail.—A. H. Meinershagen, sec'y, Missouri Grain, Feed & Millers Ass'n.

The B. & O. R. R. Co. and the Keeshin truck lines are preparing a joint tariff for class shipments under which shippers will have a choice of routes and services at the same charge, which is calculated on the rail basis. The effect will be that the railroad company and the three truck lines involved will divide the traffic among themselves, the trucks taking most of the short hauls and the railroad the long hauls, thus solving the problem of competition between rail and highway trans-

Motor vehicle taxes have increased more than 700 per cent in fifteen years, with the result that the total of such payments exceeded the amount of money spent for all state and county highways, according to John E. Walker, county nighways, according to John E. Walker, former special assistant to the Secretary of the Treasury. The average special taxes were: passenger cars, \$38.78; privately-owned and operated trucks, \$80.83; contract carrier trucks, \$161.66; common carrier trucks, \$242.49, and common carrier buses, \$785.22. The total amount collected from highway users in special taxes during 1936 was \$1.377 148 000 taxes during 1936 was \$1,377,148,000.

Buffalo, N. Y.—Sidestepping the proposed deepening of the Barge Canal is rank discrimination according to proponents of the project at a hearing here. John J. Rammacher, representing the Buffalo Corn Exchange, said an unfavorable decision would work a hardship on the port, and called attention to the unfair competition with Buffalo elevator interests of the state-owned elevator at Oswego. Thomas C. O'Brien said if Buffalo could recapture its lost grain trade from Canada, the railroads as well as the canal would share in increased traffic.-G. E. T.

Suspension of the C. & N.-W. Ry. grain transit tariffs effective Sept. 10 and the Wabash, Sept. 12, has been asked by the Chicago Board of Trade and several other exchanges. Rates from Kansas City and St. Joseph are combinations on Omaha and Council Bluffs. The new tariffs grant transit at Omaha and Council Bluffs on grain from Kansas City and St. Joseph to Chicago, Milwaukee and Manitowoc for export and would result in proportionals from Kansas City on export grain, New Or-leans Joint Traffic Buro objected that the cost to a Kansas City operator of shipping Omaha grain to Montreal would be 22.45c on corn and 21.59c on wheat, while via Gulf ports the cost would be 25.28c on corn and 25.07c on wheat.

L. J. Morgan, for five years with the Millers National Federation, formerly in the grain business at Kansas City and later with the Plant Flour Mills at St. Louis, has resigned to handle relief flour work for the Federal Surplus Commodities Corporation.

Shippers' Advisory Board Meetings

Shipper's Advisory Board meetings have been scheduled as follows:

Trans-Mo-Kansas, Sept. 20, Robidoux hotel, St. Joseph, Mo.

Great Lakes, Sept. 20-21, Statler hotel, Buffalo, N. Y.
Allegheny, Sept. 21-22, Knights of Columbus hall, Oil City, Pa.
Southwest, Sept. 22, Lamar hotel, Houston,

Pacific Northwest, Sept. 22-23, Davenport hotel, Spokane, Wash.

Burlington Would Abandon Part of Q., O. & K. C.

Plans for the abandonment of the 249 mile Quincy, Omaha & Kansas City Railroad have been changed. The new proposal is to abandon operation of the 145 miles west from Milan, Mo., to Kansas City, while the Burlington continues operation of the other 104 miles between Milan and Quincy. Operation of the line west of Milan, said Pres. Budd, is hopeless as a paying proposition. The Burlington for years has paid the op-erating deficits and taxes of the Quincy,

Omaha & Kansas City.

The proposed change would maintain service on the self-supporting part of the line.

Government Asks Reduced Grain Rates for Export

Under authority of the Farm Bill passed by Congress last winter, Uncle Sam's de-partment of agriculture has asked eastern and southern railroads to reduce their rates on grain for export by 50%, making these rates about the equivalent of the rates charged by Great Lakes boats from Chicago to Buffalo.

The proposal grows out of the intention of the government to enter the market for 100,000,000 bushels of wheat from the surplus in western and middle western producing areas, and to sell these purchases to exporters to be dumped abroad. No wonder Europe stopped buying. They wish to buy the dumped surplus at their own price.

The Atlas Elevator Co. of Minneapolis has won a reversal of the judgment for wheat valued at \$3,843 obtained by the government in prosecuting a wheat smuggling ring in Towner County, North Dakota. After the grain had been brought in from Canada, American farmers hauled it to the elevator companies and were fined on pleas of guilty. The court of appeals held that the government could not recover damages, but must identify the identical wheat for forfeiture, which was impossible.



Don't Breathe DUST Wear a DUPOR ... New - Automatic - Rubber RESPIRATOR

Maximum Efficiency because of DOUBLE FILTER CHAMBERS! (Patent 2,000,064.) Two-in-one protection at lower cost than old types! Revolutionary construction, light weight, collapsible to fit the pocket! Easy breathing—clear vision—with unique Face Cloth for comfort. Why Breathe Dusts, Paint Sprays, Fumes, etc. ORDER YOUR "DUPOR" TODAY! PRICE \$18.00 per dozen. Extra Pads, Ic each.

H.S.COVER 1937 Chippewa St. • South Bend, Ind.



Grain and Feed Trade News

Reports of new elevators, feed mills, Improvements; changes in firms; fires, casualties, accidents and deaths are solicited.

ARKANSAS

Arkadelphia, Ark.-A new 75 h.p. electric mo-Arkadelphia, Ark.—A new 15 ft.p. electric motor has been installed in the Arkansas Milling Co. plant, which held its formal opening Sept. 1, operations having been resumed after a six years' period of idleness. J. Lee Porter is manager and J. E. Wisnant, miller.—P. J. P.

Lake Village, Ark.—E. E. Gibson, 30, who operates a ferry across Lake Chicot at this place and who is proprietor of a grist mill across the lake, directly in front of Lake Village, was seriously injured recently when one of the burrs of his mill burst and a large piece of steel struck him in the head, resulting in possible skull fracture. His small daughter was struck in the chest by a piece of the burr inflicting painful injuries. Father and daughter were removed to the Village infirmary.—P. J. P.

CALIFORNIA

Greenview, Cal.-J. J. Burger has opened the Scott Valley Feed Co. here.

Baldwin Park, Cal.—R. R. Whitcomb, proprietor of the Whitcomb Feed & Fuel store, has bot the building adjacent to the Gardner drug store and will move his business there in January

Vernon, Cal.-The warehouse of the Globe Grain & Milling Co. was partially destroyed by fire the night of Aug. 18 at a loss of several thousand dollars. The blaze originated in piledup sacks of cottonseed.

Victorville, Cal.—The Zieger & Peterson Feed Co. has recently completed installation of a complete mill, with the necessary hoppers, cleaners and mixers for handling of feed and grain and mixing up of feed formulas as desired.

Escondido, Cal.—The Howell Feed Co.'s new feed and grain plant is now in full operation and besides milling its own brand of feed, is custom grinding and mixing feed, and can furnish any type of mixed or dry feed desired.

Elk Grove, Cal.-Arthur F. Jauch, formerly of Lodi and Lockeford, has completed construc-tion of his 60x120 ft. plant, the installation of new, up-to-date machinery, and now has his new, up-to-date machinery, and now has his storage, cleaning and milling of grain, and fertilizer business in full swing. The general mill is equipped with a grain cleaner, a hammer mill, a grain treater for seed, a new custom mixer, and a scale; the plant capacity is 18,000 sacks. Mr. Jauch has been associated with the Beckman Grain Co. in Lodi and has also been in business in Lockeford. He will stock a complete line of poultry and livestock feeds and seeds for all purposes.

CANADA

Yorkton, Sask .- Safe blowers who blasted off the door of the safe in the Saskatchewan Pool Elvtr. office Sept. 4 escaped with \$500.

Calgary, Alta.—Jim Fair has retired as head cereal miller with the Western Canada Flour Mills after serving in that position since 1914.

Morris, Man. - Fire destroyed the Manitoba Pool elevator here early Sept. 6. 28,000 bus. of new wheat were lost in the blaze of unknown

Fort William, Ont .- A basis of agreement has been reached between representatives of grain elevator companies operating at the head of the lakes, and their employes, it was announced Sept. 2. The proposed agreement, arrived at following two days of negotiations, will be presented to head offices of the various companies in Winnipeg by their representatives who were here for the conference, and to meetings of employes both here and in Port Arthur, and approved by both the companies and men before its details are made public. However, it was learned both working conditions and wages are

Stoney Point, Ont.—More than 4,000 bus. of grain owned by T. Shehan were lost in a blaze that destroyed a grain elevator July 31, at a \$13,000 loss, partially insured.

Arthur, Ont. - Patrick Clinton, 47, received injuries that required the amputation of his left leg when he was caught in a grain belt at the McCabe elevator here the morning of Sept. 4. Mr. Clinton had been employed at the elevator for several years and was working in the basement when the accident occurred

Winnipeg, Man.—Bruce McBean, oldest member of the Winnipeg Grain Exchange, in term of service, has disposed of his membership. Mr. McBean took out his membership in Apr., 1896, before the organization of the exchange in 1908. It is understood he will devote his time to statistical work and crop surveys.

Port Arthur, Ont.—Saskatchewan Wheat Pool Port Arthur, Ont.—Saskatchewan Wheat Pool elevator No. 4 which was leased to the Manitoba Wheat Pool last year but has been retained this year by the Saskatchewan pool for its own use, opened for business Sept. 1. Saskatchewan Pool elevator No. 6 also started operations the afternoon of the same day. The Expuire elevator at the mouth of the Ken river. Empire elevator at the mouth of the Kam river, which has been closed down for a year, was a third elevator to open for receipt of grain the same day.

Fort William, Ont .- B. T. Chappell, general Fort William, Ont.—B. T. Chappell, general supt. for Canadian National Railways, Winnipeg, announced that the hump yard of the railway at Neebing was placed in operation Sept. 1 on account of the grain rush, with about 30 men employed there. Mr. Chappell recently conferred with C. A. Bond, general manager of Canadian National Railways, Toronto, and I. P. Johnson, general supprintendent. North J. P. Johnson, general superintendent, North Bay, on co-operation between eastern and west-ern lines in handling the grain.

Winnipeg, Man.-W. Charles Folliott, long associated with the grain trade of Western Canada, has been named a member of the Canadian Wheat Board to succeed Dean Alexander M. Shaw, who retired. Mr. Folliott started in the Snaw, who retired. Mr. Follott started in the grain trade as a member of the staff of William E. Reid Co., Ltd., over 30 years ago, in 1908 joining the staff of the British Empire Grain Co., where he remained until 1925 when he became a coarse grain sales mgr. for the Central selling agency of the Western Wheat Pools. More recently he was Winnipeg mgr. of the Alberta Wheat Pool.

Port Arthur, Ont.-Pool Elvtr. No. 5, owned Port Arthur, Ont.—Pool Elvtr. No. 5, owned by Saskatchewan Pool Terminals, Ltd., has been leased to Manitoba Pool Eltvrs., Ltd., who will operate it during the current season as it has in the last two years. The elevator is in readiness to handle grain and crews have already arrived to carry on the business. Manitoba Pool will operate four houses this year as in 1937, which include Terminals No. 1 and No. 2, and the Consolidated elevator, owned by the 1937, which include Terminals No. 1 and No. 2, and the Consolidated elevator, owned by the company, and Pool 5, under lease. Total capacity of the four houses is about 6,500,000 bus. C. S. Maxwell is manager of Manitoba Pool Elvtrs, and P. McCallum is manager at the lakehead for Saskatchewan Pool Terminals.

Regina, Sask.-Elevator companies in west-Regina, Sask.—Elevator companies in west-ern Canada have been authorized by the Cana-dian wheat board to exchange Thatcher or other rust resistant varieties of wheat for non-resistant grain at wheat board prices, Hon. J. G. Taggart, minister of agriculture, announced Sept. 2. Mr. Taggart was present at a confer-ence of government, grain company and wheat pool officials with the wheat board in Winnipeg Sept. 1, when it was decided no participation certificates would be issued for grain pation certificates would be issued for grain bot for seed and that further instructions re-garding operation of the plan of assuring an ample surplus of rust resistant wheat seed would be announced. Under the plan it will be possible, to exchange inferior grades of ordi-nary wheat at board prices for good Thatcher seed also at board prices. seed, also at board prices.

Fort William, Ont .- The Board of Grain Commissioners for Canada in Circular No. 92 sets missioners for Canada in Circular No. 92 sets the same maximum tariff of elevator charges as last year for the Eastern elevators during the crop year ending Aug. 31, 1939; except that the maximum charge for shoveling grain on double decked or package freight vessels (when inclusive charge not made) will be \$4.50 per 1,000 bus.

COLORADO

Lamar, Colo.-Four alfalfa mills previously Lamar, Colo.—Four alitalia mills previously operated by the Lamar Alfalfa Milling Co. and located at Lamar, Big Bend, Melina and May Valley have been taken over by the W. J. Small Co., Neodesha, Kan., possession having been given Aug. 15. The Small Company acquired the Colorado mills in order to be able to furnish sun dried alfalfa to its customers. The company is a big manufacturer of dehydrated meal with a yearly capacity of 25,000 tons, its dehyrating plants being located at Neodesha, Lawrence and Kansas City, Kan., and Shawnee, Okla.

ILLINOIS

Ridgway, Ill.—Fire slightly damaged the Hish elevator recently.

Ashkum, Ill.—George Tascher, 64, s the Farmers Elvtr. Co., died July 28.

Ellis, Ill.—The Davis Grain Co. is equipping its local elevator with a new Atlas Belt.

Bethany, Ill.—Bethany Grain Co. has just completed painting its elevator aluminum.

Danvers, Ill.—Charles Pleines has succeeded

Willard Price at the Farmers Elvtr. Co. elevator.

Minier, Ill.—The Stanford Grain Co. has given its large concrete elevator a new coat of paint.

Monmouth, Ill.-Allen Feed Mill recently purchased Kelly Duplex Corn Cutter and Grader. Tiskilwa, Ill.-Curtis & Battey have installed

a new 20-ton Soweigh Heavy Duty Motor Truck

Panola, Ill.-New leg belts and V-buckets have been put in the local elevator of the El Paso Elvtr. Co.

Chatsworth, Ill.—Chatsworth Feed Mill recently installed a Kelly Duplex Corn Cutter and Grader Head.

Essex, Ill.—A new Soweigh Heavy Duty Motor Truck Scale has been purchased by the Essex Farmers Co-operative Elvtr. Co.

Holcomb, Ill.—I have re-sided my elevator with steel siding and am installing a new 15-ton scale and lift.-Robert P. Sheaff.

Fair Grange (Charleston p.o.), Ill.—The elevator building and machinery of Wyeth & Hardin was damaged by fire recently.

Alfalfa Center (Odessa p. o.), Ill.—Clifford Vowels has recently been made manager of the Western Alfalfa Meal Co.'s store.

Murdock, Ill.—A 15 ton, Howe Motor Truck Scale, with a platform 22 ft. long was recently purchased by the Murdock Grain Co.

Kappa, Ill.—The local El Paso Elvtr. Co.'s house has been improved with installation of two new leg belts and new V-buckets.

Abingdon, Ill.—A. J. Hobbs Feed Co. has installed a 15-ton Howe Motor Truck Scale which will be used, also, for public weighing.

German Valley, Ill.—Walter Fosha has resigned as bookkeeper for the Farmers Elvtr. Co. and will attend the University of Dubuque.

Columbia, Ill.—Lloyd R. Downs, mgr. of the Farmers Co-operative Co. elevator, who recently was operated on for appendicitis, is getting along

Arenzville, III.—The Arenzville-Hagener Farmers Grain Co. is equipping its driveway with a set of Howell Improved Sectional Steel Dump

McNabb, Ill.—McNabb Grain Co. is rebuilding its elevator destroyed by fire July 4, and will install a Blue Streak Hammer Mill, crusher and feed mixer.

Bloomington, Ill.—The Hazenwinkle-Scholer Grain Co. has engaged the Eikenberry Const. Co. to repair the loading-out spout at the company's local elevator.

Morrison, Ill.—Warren Bendtscheider received painful cuts and bruises recently when he fell a distance of 20 ft. while at work at the Farmers Elvtr. Co. elevator.

London Mills, Ill.—The Farmers Co-operative Elvtr. Co. recently replaced its old crib with a new and better one and built a concrete walk in front of the elevator.

• Elwin, Ill.—After several years' residence in California, Jesse Markwell has returned to the managership of the Elwin Farmers Grain Co., replacing Victor Peterson.

Murrayville, Ill.—Hugh Hagan of Woodson has bot the Farmers Elvtr. Co.'s plant and will operate it along with the Farmers Elevator at Woodson of which he is manager.

Nakomis, Ill.—We have expanded our warehouse space, doubling its size by building a 34x72 ft. frame, steel-roofed addition.—Roy M Phillips, Nokomis Equity Elvtr. Co.

Pierson, Ill.—The Pierson Grain & Supply Co., managed by O. W. Robertson, has dismantled its old corn crib and is remodeling its old lumber shed into a new and larger crib.

Bloomington, Ill.—The Baldwin Grain Co. elevator, its elevator boot and distributing system from elevator head in its local elevator repaired by the Eikenberry Const. Co.

Cerro Gordo, Ill.—The Cerro Gordo Co-operative Grain Co. has taken down an unused elevator and is using part of the lumber to build additional storage space on its main elevator.

Alton, III.—Edwin T. Stanard, pres and general mgr. of the Stanard-Tilton Milling Co., was injured seriously in an automobile accident Sept. 4 near St. Charles, Mo. His condition is critical.

Springfield, III.—The Chicago Board of Trade had an elaborate exhibit of its service facilities at the State Fair. The necessity for opening up channels for export markets was a part of its show.

Hudson, Ill.—A fan will be put in the cupola of the Hudson Grain Co. elevator and connected to the leg to relieve air pressures and improve the quality of grain by removing dust, according to Mgr. Dale Bunney.

Funks Grove (McLean p. o.), Ill.—The Funks Grove Grain Co. has installed a Webster New Type Overhead Truck Lift and had its driveway floor repaired, Eikenberry Const. Co. having just completed the work.

Ridge Farm, Ill.—Harold Hance, formerly employed at the Federal-North Iowa Grain Co. elevator at Newman, has been appointed manager of that company's local elevator, entering upon his new duties Aug. 22.

McClure, Ill.—Glen E. Davis has been promoted to manager of the Western Alfalfa Meal Co.'s local plant. This is a branch of the Alfalfa Center, Neb., plant and both are under the supervision of W. E. Morris.

Litchfield, Ill.—We have installed a Waukesha 4-cylinder engine to run our Jay Bee Hammer Mill, replacing a 25-h.p. motor. Before corn picking time we intend to put an ear corn dump in our elevator.—J. Paul Buscher, M. J. Buscher & Son.

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Mendota, Ill.—The Fitchmoor Grain Co. has installed a new Atlas Elevator Belt.

Pana, Ill.—The Shellabarger Elvtr. Co.'s elevators at Pana and Harvel were not included in the sale of the Decatur property owned by the company to Spencer Kellogg & Sons, Inc. These two plants, however, are being leased to the latter firm.

Macon, Ill.—James S. Guthridge, 66. retired grain dealer, died Aug. 29. Mr. Guthridge was in the grain business in Stonington for a number of years, coming to Macon in 1917, where he operated a grain elevator until his retirement several years ago.

Ransom, Ill.—New paint has brightened the lumber sheds and the office of the Farmers Elvtr. Co., where C. W. Wellman is manager. Next on the program for the company is installation of seven new 3-phase motors to replace existing single-phase motors, and an oil engine.

Litchfield, Ill.—We recently covered our 25,000-bu. elevator with Wheeling sheet steel, and installed a new vertical feed mixer. We expect to replace our Jay Bee UX Hammer Mill with a larger size at an early date.—H. A. Saathoff, mgr. Farmers Grain & Live Stock Co.

Decatur, III.—Receiver Judge Baldwin has asked Mrs. Maude C. Hight, widow of Jesse C. Hight, to release 167 shares in Hight & Cline Grain Corp., claiming them to be owned by the defunct Hight Elvtr. Co., and not a personal asset of the estate of the deceased J. C. Hight, of which she is executrix.

Latham, Ill.—The Farmers Grain Co., of which E. H. Steging is manager, has started construction of a three-bin, 22,000-bu., cribbed annex on the south side of its 57,000-bu. elevator. All bins will be reached by gravity from the head at the top, and a screw conveyor will be used at the bottom to return grain to the leg.

Morrisonville, Ill.—The Shellabarger Elvtr. Co. hero is in no way involved in the transactions made recently between the Shellabarger Elvtr. Co. of Decatur and the Spencer Kellogg & Sons, Inc., the local plant being an independent company of which Bill Shellabarger is pres., and which will continue to operate as an independent company.

Alexander, Ill.—Repair work being done by Bikenberry Const. Co. for the W. A. Kinnett Grain Co. here includes widening and lowering of the driveway; rearranging of the overhead truck lift; installation of water-tight concrete pit, a Western Sheller and Cleaner and a shake feeder. About six weeks will be required to complete the improvements.

Owaneco, III.—A new crib with capacity for 10,000 bus. of ear corn and 6,000 bus. of small grains, is under construction for the Owaneco Farmers Grain Co. The crib is being built in line with the elevator driveway, so that the elevator's truck lift can be extended into the crib driveway. The crib is being fitted with one leg, with 15x7-in. buckets, and a pit.

Mattoon, Ill.—The grist mill of the Barker estate, operated by J. J. Gibbons, was destroyed by fire the evening of Aug. 24, along with machinery valued at about \$500. Back fire of a motor operated in the mill threw a spark into a nearby partially filled gasoline tank which exploded, and the flames flaring up quickly spread in the old framework of the building. It was practically demolished when firemen arrived on the scene.—P. J. P.

Latham, Ill.—The Beal Grain Co. elevator, managed by C. C. Rager, is enlarging the cupola on its No. 2 elevator to make room for installation of a Wostern Corn Cleaner, and is installing a Western Sheller in the basement. The company has just completed construction of a sixbin cribbed and steel-clad annex on its No. 1 house, which increased the capacity of this house to about 40,000 bus. Work is now under way on the east elevator to increase its storage capacity 5,000 bus. and build cob and dust houses.

Chester, Ill.—The H. C. Cole Milling Co. is considering plans for the erection of another elevator in connection with its local plant. The proposed structure would be twice the capacity of the last unit built and would increase the total capacity of the mill to about 700,000 bus. The new elevator, presumably to be of concrete, would be located adjacent to the other new one and its facilities would be an addition to, rather than replacement of present facilities. The H. C. Cole Milling Co. was founded in 1839 by Nathan Cole and will have been in operation 100 years in 1939.—P. J. P.

Decatur, Ill.—Operation of the Shellabarger soybean plant under the new owner, Spencer Kellogg & Sons, Inc., was started Aug. 15. The only material change in operation is the adoption of a 40-hour week instead of the 48-hour week formerly in force. William L. Shellabarger, manager of the plant under the former company and retained as manager here by Spencer Kellogg, is taking a month's vacation, with his family, in the west.

Decatur, Ill.—The Shellabarger Grain Products Co. and six stockholders are defendants in a suit brot by the Millikin National Bank to recover \$8,614.45 balance due on a note, on which \$20,000 had been paid June 25. In 1933 the company was \$50,000 in debt and borrowed that amount from the bank on two promissory notes. Other and additional loans were made between Mar. 23, 1933, and June, 1938, to enable the company to continue in operation, the bank being kept in ignorance of negotiations for the sale of the plant, which was purchased Aug. 10 by Spencer Kellogg & Sons, Inc., of Buffalo, N. Y.

Ohlman, Ill.—Extensive remodeling is being done at the lumber sheds purchased by the Ohlman Grain Co. from the O. H. Paddock Lumber Co. last June, and to which the company moved its office in preparation for an extension of its sideline business in feeds, seeds, implements, fencing, posts, and similar lines. One side of the sheds is being floored with concrete and boards, and walled up to create 10,000 bus. of additional bin room to supplement the storage space for 19,000 bus in the elevator and a small auxiliary building. This new bin room will be used for the storage of soybeans under the customary bean storage contract followed by central Illinois elevators that buy beans for major bean users, and hold them for six months for 6c a bus., plus 1/30 of a cent a day for any additional time of storage.

CHICAGO NOTES

Memberships on the Chicago Board of Trade are selling at \$2,750.

Elmer F. Chessman, with Norris Grain Co., has been admitted to membership in the Chicago Board of Trade.

Herman F. Wittke, employed by Edward A. Green, has been admitted to membership in the Board of Trade.

A. C. Robinson has resigned from Thomson & McKinnon and is now associated with Daniel F. Rice & Co., handling grain futures trading for the latter company.

R. Ferguson and R. W. Duff, stock traders in the securities department of Gerstenberg & Co., have gone with Moore, McLean & McDermott. The principal business of Gerstenberg & Co., grain commission, continues as before under Adolph and Raymond A. Gerstenberg.

Regulations which govern the weighing of grain at Chicago are available to the public in pamphlet form. Embracing twelve regulations of the Board and 52 rules of its weighing department, 4,000 of the pamphlets already have been distributed thruout Illinois, Indiana and Iowa.

The members of the Chicago Board of Trade by a vote of 158 to 149 approved reducing the commission charge on the sale and purchase of cash wheat from 1½ to 1 cent a bus, the new rate going into effect Aug. 25. The cut in commission rates was made to permit exchange members to compete with non-member firms which have been increasing their business by bidding higher prices for grain in the country.

Fuller, Rodney & Redmond, a new brokerage firm, has opened for business in offices on West Jackson Blvd. The firm is the outgrowth of Redmond & Co., which voluntarily dissolved as of Aug. 31, 1938, and of Fuller, Rodney & Co. It holds memberships in the leading commodity and stock exchanges, has foreign connections of long standing, and will operate an investment advisory department. Offices have been established in New York, Boston and Albany as well as Chicago. Byron G. Webster, resident partner in Chicago, will manage the Chicago and Boston offices. Other partners are Samuel L. Fuller, Earle H. Rodney, Stuart Hedden, Lucius P. Ordway, Jr., Arthur J. Goldsmith, James C. Fuller and Melvin L. Brown. Special partners are Franklin Q. Brown, Warren L. James and William D. Loucks.

James D. Williams, 71, for 30 years a member of the Board of Trade, passed away Sept. 7. Interment was at Niagara Falls, N. Y.

INDIANA

Sulphur Springs, Ind.—The Wilson Grain Co. elevator was slightly damaged by fire Aug. 9.

Bentonville, Ind. — Glenwood Grain Co. recently installed a one-ton Kelly Duplex Vertical Feed Mixer.

Bremen, Ind.—Bremen Elevator recently installed a Sidney Combined Crusher and Feeder, electric motors and drag.

Lebanon, Ind.—Earl Clark of Clark & Beydlor has been ill in the County Hospital at Lafayette for some time.

Versailles, Ind.—The Versailles Feed Co. has installed a new hammer mill with a grinding capacity of 8,500 lbs. per hour.

Sunman, Ind.—Roy Nedderman is equipping his feed mill with a Blue Streak Hammer Mill direct connected to electric motor.

Stone Station (Winchester R.F.D.), Ind.— Elery Norris recently purchased an Ajax Hammer Mill complete, from the Sidney Grain Machy. Co.

Thorntown, Ind.—The Sugar Creek Grain Co. elevator, built in 1865, was totally destroyed by fire Aug. 28, the loss estimated at \$10,000.—A. E. L.

Terre Haute, Ind.—The old Sparks Milling Co. building is being taken down. The Graham Grain Co. is operating the elevator section of the property.

Brems (Knox, R. F. D.), Ind.—Leon Cheadle, Hamlet, has bot the Brems elevator from Alvin Rosenbaum. Mr. Cheadle has been in charge there for several years.

Fowler, Ind.—Orval Johnson has sold his interest in the Fowler Grain Dealers to the corporation and retired from the business Sept. 1 after 17 years at the company's local office.

Hebron, Ind.—The Hebron Feed Co. has improved its custom feed grinding department by the installation of a Nickle Hammer Mill Feeder. R. L. Thompson is manager.

Boswell, Ind.—The Corn Belt Feed Co., to enlarge its plant, will erect a new building to house its increasing business, on the lot north of the Hash building it recently bot.

Needham, Ind.—Elmon Fisher, 77, operator of the E. M. Fisher Elevator, died Sept. 8 at his home. Mr. Fisher was a native of the community and was widely known as a grain merchant.

Indianapolis, Ind.—Recent new members enrolled by the Indiana Grain Dealers Ass'n are the Farmers Co-operative Co., Wolcott, and the McCardle Grain Co., Mellott.—Fred K. Sale, sec'y.

Romney, Ind.—Romney Grain Co., who recently completed a new feed room, has installed a Blue Streak Hammer Mill with magnetic separator, Blue Streak Mixer and Drag Feeder.

Monterey, Ind.—The Farmers Co-operative Co. has added a new 125-bu. driveway dump, and some new motors with Texrope drive. A Western Cleaner was installed several months ago.—A. E. L.

Boonville, Ind.—In the Labor Day parade, the Boonville Mills, makers of Daniel Boone flour, had an elaborate float, depicting the Boone family. Otto C. G. Roller, mgr. of the mills, personified Daniel Boone.—W. B. C.

Walton, Ind.—Walton Elvtr. Co. has purchased two brick mercantile buildings which will house the hardware and farm machinery lines. A new seed warehouse is just being completed near the elevator.—A. E. L.

Ashley, Ind.—Harold E. Arney, proprietor and manager of the Ashley Feed Mill for the last three years, has purchased the building, machinery and equipment from Mrs. Letitia Allomong, widow of the late B. J. Allomong.

Greenfield, Ind.—Charles I. Gray, former owner and operator of the Shirley Grain Elvtr. and Coal Yards. Shirley, Ind., and later in business here, died Aug. 30 in the Methodist hospital, Indianapolis, of an illness that followed an automobile accident near Elwood a week before.

Anderson, Ind.—Frank Dowling has recently sold his interest in the Wellington Milling Co. to Fred D. Wright, and the latter, together with his son, Nolan, are now sole owners of the mill.—Fred K. Sale, secy., Indiana Grain Dealers Ass'n.

Jasper (R. R. No. 3), Ind.—The Haysville Milling Co. has been incorporated, capital stock, 115 shares at \$25 p. v., to deal in flour, feeds, etc. Incorporators are George Eichmiller, Ludwig Eichmiller and Arlo Eichmiller, of Jasper, R. R. 3.

Bringhurst, Ind.—William Perry, 20, has filed notice with the Indiana department of Industrial compensation to establish a claim of \$2,000 for loss of an eye, allegedly suffered in July while in the employ of Carroll Garrison, elevator operator at Binghurst.—A. E. L.

Red Key, Ind.—Louis McVey, whose grain elevator was destroyed by fire early the morning of Aug. 18, is now in a hospital at Cincinnati, seriously ill. He previously was in the Ball Memorial Hospital at Muncie. Employes have been operating the elevator in his absence.

Columbia City, Ind.—Lloyd R. Rumsyre, who was seriously injured in an auto accident May 27, and since that time has been unable to be at his work, is greatly improved. The cast was removed from his limb Sept. 12 and it is hoped he will soon be able to be about his duties once more.

Raber (Columbia City R. F. D. 5), Ind.—The Raber Co-operative Co. opened its new elevator, built to replace the one burned Mar. 12, on Aug. 27. The plant has been equipped thruout with new, up-to-date machinery in every department, and Ralph Schinbeckler, manager of the old elevator, is in charge.

Royal Center, Ind.—Albert Strauch has bot the old Sweet Elevator from W. W. Pierson of Reynolds, who recently bot the property and has repaired, repainted and completely modernized the equipment. The Strauch Feed Mill equipment went in on the transaction, however, Mr. Strauch states that he expects to handle his feed business at the elevator. Immediate possession was given by Mr. Pierson and the elevator will be known as the Royal Center Elevator.

Indianapolis, Ind.—Recent word from the loan agency of the R.F.C. of the Chicago office advises that no warehouses in Indiana have yet been approved for the storage of wheat for loan purposes. Contrary to the general belief of many, the 19 warehouses now licensed under the U. S. Warehouse Act have not been approved for the storage of wheat of these Government loans thus far. There really has been very little inquiry on the part of farmers generally thruout the state to ask loans on their wheat. We believe but very few loans will be made on the present crop. Enormous quantities of wheat held back on the farm are being ground up for feeding purposes at present prices.—Fred K. Sale, see'y (Aug. 26), Indiana Grain Dealers Ass'n.

Lafayette, Ind.—A group meeting of Indiana and Illinois grain dealers was held at the Sportsman hotel Aug. 16. Among those present were Claude Barnes, Winchester, and Fred Sales, Indianapolis, pres. and see'y respectively of the Indiana Grain Dealers Ass'n, and L. B. Walton, Mayview, Ill., and W. E. Culbertson. Delavan, Ill., pres. and see'y of the Illinois Grain Dealers Ass'n.

Peru, Ind.—A permanent injunction was granted the Santa Fe Elvtr. Co. in Miami Circuit Court Aug. 26, prohibiting Samuel Iddings from serving in any capacity as manager of the elevator. The court held that his contract was legally terminated June 29 after 10 days' notice. Iddings fought the ouster on grounds the company was indebted to him. The directors removed Iddings because he was hard of hearing and it was alleged he declined to wear his ear phones when dealing with the public or talking on the telephone. Iddings has two suits pending, one seeking \$100 back wages and the other asking \$3,500 damages on the allegation that Delbert Daniels, one of the directors, said Iddings had no property subject to execution, whereas he owns a \$4,000 interest in a farm.

IOWA

Conesville, Ia.—The McKee Grain & Lumber Co. has purchased a new Soweigh Scale.

Sanborn, Ia.—Richard Koldenhoven, mgr. of the Hartog Elevator, has moved his family here from Seney.

Olds, Ia.—The Olds Farmers Elvtr. Co. has purchased a new 20-ton Soweigh Heavy Duty Motor Truck Scale.

Lake Park, Ia.—A new all-steel grain cleaner has been installed by the Farmers Exchange Co. in its new elevator.

Iowa City, Ia.—We are starting a feed grinding business, doing custom grinding and oat hulling.—Duncan Oil Co.

Royal, Ia.—Hale & Son are equipping their elevator with a Winters Direct Connected Geared Head Drive and Fairbanks-Morse Motor.

Malvern, Ia.—The old grain elevator on the Roy Robbins farm on Highway 59, in the Wesley Chapel neighborhood, is being torn down.

Kanawha, Ia.—The new office building of the Farmers Co-operative Elvtr. Co. is rapidly nearing completion and will be ready for occupancy soon.

Gowrie, Ia.—The E. J. Bruntlett elevator has installed a new grain cleaner which they will use both for the elevator work and custom service.

Sioux City, Ia.—Fire, caused by the explosion of a heating appliance Tuesday afternoon, resulted in \$350 damage at the Kay-Dee Feed Co. plant.—A. G. T.

Estherville, Ia.—Stockdale & Brackett Co. will build a covered loading drive on the strip of land 66 x 12 ft. on the east side of N. 3rd St., recently vacated by the city council for the purpose. The company recently purchased a Kelly Duplex Attrition Mill Blower.



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CHICAGO, ILLINOIS

Council Bluffs, Ia.—Installation of the Zeleny Thermometer System in the 74 bins of the C. B. & Q. elevator, operated by Bartlett Frazier Co., has been completed.

Dunkerton, Ia.—Fire of unknown origin destroyed the Dunkerton Elytr. Co. building here Sept. 8. A coal shed also burned, but a seed and a corn shed were saved.

Paullina, Ia., Aug. 18—The concrete 120,000-bu. storage elevator of the Paullina Farmers Grain & Supply Co. was recently filled with barley after only 13 days of threshing.

West Chester, Ia.—H. W. Luers, grain elevator and feed mill proprietor, is retiring after 29 years of active management. The new manager is Lewis Dalton, formerly of New Sharon.

Dysart, Ia.—Nick Hansen, manager of the Tama Benton Grain Co. elevator, was confined to his home, recently, as a result of hemorrhage from a burst blood vessel in one of his legs.

Maurice, Ia.—DeOrr Cose, manager of the Montour Grain Co. elevator for the last two months, resigned his positoin there and is now employed at the Maurice Elvtr. Co. elevator.

Eagle Grove, Ia.—The Potgeter Grain Co. is defendant in a suit filed by H. C. Shaw claiming \$500, due him in commission agreed upon for sale of an elevator property, remains unpaid.

Fort Dodge, Ia.—Miss Marie Brennan, employed as see'y with the Iowa Co-operative Grain Co., resigned recently, and was united in marriage to Herman Kleemeier of Rockwell City.

Fenton, Ia.—Because of increased business it has been necessary to add another man to the Farmers Elvtr. Co. force at the local elevator, and Dale Weisbrod has been hired for the pur-

Gaza, Ia.—Albert Thiesen, 55, who was in the grain business here for 17 years, selling out last July to take a long delayed vacation in California, died at a Rochester, Minn., hospital Aug. 30.

Delmar, Ia.—R. L. Guise of Clinton has bot the feed mill of W. H. Cook and taken possession. He has installed a new feed mixer. The firm will be known as the Delmar Grain & Feed Co. Clarence Enrig is manager.

Thor, Ia.—Willard Peterson, employed at the Thor elevator, suffered internal injuries when his car left the highway near Duncombe Aug. 24, and is in a serious condition in the Webster City hospital, where he was taken.—A. G. T.

Cedar Rapids, Ia.—A. Zeleny Thermometer System is being installed in the two new 90 x 25 main storage bins of the Wilder Grain Co. and in the three new main storage bins and four interstice bins of the Honeymead Products Co. John S. Metcalf Co. has both contracts.

Davenport, Ia.—Mrs. Frank O. Allshouse, 48. died Aug. 31 after a lingering illness. Interment was at McComb, Ill. She was the wife of Frank O. Allshouse, local office mgr. of the Davenport Elvtr. Co., who has been here since 1929, moving his family here from Burlington in 1931.—A. G. T.

Ringsted, Ia.—Phil Underwood, mgr. of the Co-operative Elvtr. Co. here, is general chairman for the arrangements in the state corn husking contest to be held near here on Oct. 27. It is a fitting tribute to the grain trade to have a grain man in charge of a contest of this kind.—Art Torkelson, with Lamson Bros. & Co.

Woden, Ia.—Andy Sorensen of Britt was seriously injured the morning of Aug. 5 when, while repairing the transformer at the Woden Farmers Elvtr. Co. elevator, which had been damaged during an electrical storm early that day, an electric shock threw him from the transformer platform to the ground 10 ft. below.

Council Bluffs, Ia.—Hearings are going forward on the application of the officers of the Georgie Porgie Co. for removal of J. A. Williams as receiver of the firm, and turn the company back to the corporation or appoint a disinterested person, not connected with the company as receiver, in District Judge John P. Tinley's court

Wesley, Ia.—Fire originating in the cupola of the Farmers Co-operative Elvtr. Co. elevator Aug. 23, gutted the elevator but was brot under control by the fire department. It is estimated that over 3,000 bus. of corn and 5,000 bus. of oats were destroyed by the fire, smoke and water. Machinery at the top of the elevator was also destroyed. Loss was placed at more than \$7,000. The elevator is being rebuilt by T. E. Ibberson Co.

Storm Lake, Ia.—Robert L. Stonebraker, a young man, native of Iowa, formerly employed in the trust department of the Continental Illinois National Bank & Trust Co. of Chicago, has opened a grain merchandising office here, operating on a cash basis, under the firm name, Storm Lake Grain Co. Grain purchased from elevators will be sold to commission houses on the various exchanges. Mr. Stonebraker is not operating on a brokerage basis, but is handling his own papers and contracts.

Des Moines, Ia.—State Sec'y of Agr. Thomas L. Curran Aug. 27 sent warehouse boards and scalers a call for the third inspection of corn under seal. The state warehouse law provides that corn under seal must be inspected at 90-day intervals. Mr. Curran said more than 33 million bus. of corn have been sealed since last November in Iowa. Farmers are sealing more corn now than for several months. The department daily receives approximately 50 new certificates, each representing an average of one thousand bus.

Missouri Valley, Ia.—The Harrison County office of the A.A.A. has leased two elevators in the county, one the local Francis Day elevator, controlled by the Loveland Elvtr. Co., the other at Modale. The local elevator has a 500,000-bu. capacity. About 5,000 bus. of wheat has been placed in the elevators to date, according to Harold Brown, county A.A.A. administrator, who also stated these are the only two elevators in the state classified as "country elevators" that have met the requirements and have approval of the federal C.C.C. which makes the wheat loans.

Keokuk, Ia.—Harry C. Fruehling brot suit against L. R. Smith and Dorsey Grain Co. Aug. 27, setting forth that he sold and delivered 681 bus. of corn at 40c per bu. to the defendants, who represented that they would make payment of \$272.77 on delivery. He alleges that they failed to do so and states further that they shipped the corn out of the county and state, sold it and received the price. The plaintiff alleges that the defendants are about to remove their property out of the county and he asks judgment in the above sum, and a writ of attachment against the property.

Cedar Rapids, Ia.—A quarter-million-dollar industry has been launched locally in the new soybean and flaxseed processing plant constructed by the Honeymead Products Co. Included in the enterprise are two storage elevators and a processing plant proper which represents an investment of \$150,000. One elevator to cost \$50,000 is now being constructed, and the other, costing \$50,000, formerly was the Cedar Rapids Grain Co. property. The new industry is unique in many respects, no other processing plant of the same type being in existence in the United States today.

KANSAS

Luray, Kan.—The Lawrence Grain Co. is equipping its elevator with Calumet Cups.

Vermillion, Kan.—A motor burn-out in the G. J. Ingman elevator recently resulted in small damage.

Wichita, Kan.—L. R. Johnson, ass't traffic mgr. of Red Star Milling Co., is ill in St. Francis

Michigan Valley, Kan.-M. W. Bulmer is improving his elevator with the installation of a Winters Pneumatic Truck Lift.

Strawn, Kan.—John McClune has moved from Waverly to Strawn. He is planning on putting in a feed mill in the near future.

Brownell, Kan.—A small fire caused by a V-belt drive on the motor head in the Robinson Milling Co. elevator Aug. 29 resulted in slight damage.

Phillipsburg, Kan.—The Phillipsburg Elvtr. Co. has installed a 3,000-bu. leg using a 13-inch 6-ply belt with 12 x 6 Calumet Cups; a new rope drive, car spout and 8-inch heavy well casing, Ben Munson & Sons doing the work.

Agra, Kan.—The Dean Grain Co. has contracted with Ben Munson & Sons for the erection of a dust house and the installation of a grain cleaner, which will complete improvements started last year costing approximately \$3.000.

Natrona (Preston p. o.), Kan.—J. V. Harkrader, 72, owner of the Natrona Grain Co. elevator, died at his home in Pratt Aug. 19. He was secretary of the Farmers Co-operative Commission Co. for many years and widely known to the grain trade thruout the state.

Mulvane. Kan.—A large, twin double-roll mill for the grinding of grain has been installed at the Mulvane Co-operative Union elevator along with a large grain cleaner. Another improvement effect is the placing of all electrical wiring in conduit, lessening the fire hazard.

Abilene, Kan.—Earl Robson, farmer living south of Abilene, has been appointed manager of the Rock Island Elevator, succeeding J. F. Rodney, who has managed the elevator for more than 18 years and is retiring from business. The elevator is operated by the Abilene Flour Mills.

Parsons, Kan.—Spear Brand Mills, Kansas City, are establishing a feed warehouse here, with Marion Jennings, formerly ass't mgr. at the Springfield, Mo., warehouse, in charge. The new warehouse, formerly operated by Bowen Flour & Feed Co., was opened for business Sept. 1.

Hutchison, Kan.—Enlargement of the Farmers Co-operative Commission Co. terminal elevator on the east edge of Hutchinson is being considered by members of the board of directors. Managers of the three divisions of the co-operative have been authorized to investigate costs and need. The elevator, built 2 years ago, has a 700,000-bu. capacity. "Conditions now justify us to go ahead and expand the plant," said Emil Gall, Bellefont, pres. of the organization.

Dodge City, Kan.—The Feed and Seed Sales tax of Kansas, as amended, provides as follows: "Amendment to Rule No. 22—Rule No. 22, 'Segregation of Charges for Feed and Seed Sales,' shall be amended to read as follows: Rule No. 22. Feed and Seed Sales: Exempt sales of feeds include all sales for feeding livestock or noultry which is to be sold, or the products from which are to be sold at market, and all sales of feed for work animals. Sales of seeds and seedlings are exempt if the plants or plant products are being produced for resale. The sellers of feed and seeds who make some tax-exempt sales and some taxable sales must secure exemption certificates from each person making exempt purchases. In case the purchaser intends to use part of the feed or seed to produce products for personal use or consumption, the taxability of his feed or seed purchases shall be determined by their predominant use. For example, if more feed is to be used in producing livestock for resale than in producing livestock for personal consumption, the feed sale to this individual will be exempt from the tax. On the other hand, if more feed is to be used in feeding livestock for personal consumption than in feeding livestock for resale, the entire proceeds from such feed sales are taxable." The predominating use rule generally applies to such commodities as stock salt, oyster shells, and fertilizer, and should not be hard to determine whether they are taxable or exempt. For example, fertilizer used to produce grain for resale would be exempt, but when tend to determine whether they are taxable or exempt. For example, fertilizer used to produce grain for resale would be exempt, but when consumption would be taxable, but when fed to a commercial flock are exempt.—J. F. Moyer, see'y, Kansas Grain, Feed & Seed Dealers Ass'n.

STRATTON GRAIN CO.

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Consignments and Future Orders Solicited

KENTUCKY

Falmouth, Ky.—The local flour mill has been purchased by a Bowling Green miller.

Frankfort, Ky.—Amended articles of incorporation of the Winchester Milling Co. of Winchester, capitalized at \$50,000, have been approved.—A. W. W.

Lancaster, Ky.—Joe Thomas Myers, 66, for the last sixteen years connected with his brother, J. R. Myers, in the operation of the Lancaster Milling Co., died Aug. 20 of a heart attack.

Morganfield, Ky.—N. J. and Robert Waller, grain dealers, have sold one-half of their one-eighth oil and gas royalty in 386 acres on Wabash Island, Union County, to Ivan White and George Nelson, Evansville, for \$10 an acre.—A. W. W.

Louisville, Ky.—Robert D. Taylor, 38, head of the Taylor Feed & Grain Co., died of a heart ailment at Sts. Mary and Elizabeth Hospital, Aug. 11. Mr. Taylor went with the Ballard & Ballard Co. as a feed specialty man about 1930. In 1934 he organized his own company, which became distributor for Ballard feeds exclusively in five counties adjacent to Louisville.—A. W. W.

Henderson, Ky.—Loss of \$100,000 was caused here Aug. 29 when fire destroyed the Henderson Elvtr. Co.'s elevator on Second St. Spontaneous combustion was believed to have been responsible for the blaze. A quantity of wheat, corn and oats was stored in the building. C. M. Bullitt and H. H. Bullitt of Louisville are owners of the plant, which may be rebuilt.—A. W. W.

Beardstown, Ky.—A bid of \$110,000 by the Parkway Distiller, Inc., New York, for assets of the Independent Distillers of Kentucky, was rejected Aug. 29 at an auction held by Hite H. Huffaker, referee in bankruptcy. John E. Newman, trustee of the concern, placed in bankruptcy Feb. 19 on petition of three creditors, was instructed to accept private offers and report to the court. Referee Huffaker turned down the bid, one of three filed, on the ground that it would be unfair to creditors to accept.—A. W. W.

MICHIGAN

Coleman, Mich.—The Simons elevator has installed a new bean cleaner.

Hastings, Mich.—A new scale was installed at the Farm Bureau elevator recently.

Pewamo, Mich.—The Pewamo Elvtr. Co. plant was damaged by windstorm recently.

Lowell, Mich.—The King Milling Co. plant sustained windstorm damage recently.

New Haven, Mich.—The New Haven Roller Mills is installing a new corn sheller. Roman Jasinski is owner.

Bronson, Mich.—The Bronson Co-operative Ass'n recently installed a Kelly Duplex Hammer Mill with 75 h.p. motor drive.

Big Rapids, Mich.—Geo. Pullman recently added an Ear Corn Crusher and Feeder, purchased from Duplex Mill & Mfg. Co.

Carson City, Mich.—The Lyon Milling Co. is installing an ear corn sheller with a 5 h.p. V-belt drive. Donald Lyon is manager.

Lansing, Mich.—The Thoman Milling Co. in North Lansing is having its wooden grain storage, built in the old way of 40 years ago, torn down.

Big Rapids, Mich.—The Big Rapids Co-op. Ass'n., George House, mgr., has installed a new Nickle three-roll proportioning Hammer Mill Feeder.

Harbor Springs, Mich.—Pellston Flour & Feed Mill has been thoroly overhauled and opened for custom grinding Aug. 25, to continue operations until Jan. 1.

Rochester, Mich.—The Rochester Elvtr Co. has improved its feed grinding department by the installation of a new Nickle Three-roll Crusher-Feeder ahead of its attrition mill. L. K. Crissman is manager.

Birch Run, Mich.—Chas. Wolohan, Inc., has contracted with the Nickle Engineering Works for a two-roll Crusher-Feeder, to be built into their Hammer Mill. Both crusher and mill will be driven from 50 h.p. motor operating at 1800 r.p.m. Bob Wolohan is manager.

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Merchants Exchange St. Louis, Mo.

Vandalia, Mich.—The old grain elevator built and owned by the Michigan Central railroad has been taken down and the lumber moved.

Williamston, Mich.—The Red Cedar Alfalfa Milling Co.'s mill being rebuilt after the recent fire which destroyed practically all its grinding equipment, is about completed and ready to resume operations. W. J. Ireland is proprietor.

Pigeon, Mich.—The Co-op. Milling & Elvtr. Co., Henry Claybuesch, mgr., has installed a 5-h.p. V-belt drive on its Nickle Hammer Mill Feeder, and equipped its Hammer Mill with permanent horse-shoe magnets built into the feed table.

Caseville, Mich.—The new feed grinding department in the Wallace & Morley elevator is now in operation. New equipment includes a Burton Feed Mixer, and a Nickle-Big Chief Hammer Mill that is direct-connected to a 40 h.p. 1800 r.p.m. motor.

Hudson, Mich.—Harry D. Gates of Jackson is erecting an alfalfa mill on property adjoining the Cincinnati Northern tracks which he has leased. A building 100 x 60 ft. will be built, to be used for hay storage; a smaller building will be erected to house the office and scale and the mill building will be put up following the completion of these two structures. Mr. Gates has been in the hay business 35 years.

Duffield (Swartz Creek p. o.), Mich.—The Shiawassee-Genesee Elvtr. Ass'n has been formed and will use the Duffield elevator for direct marketing of beans for growers in the community. The next immediate objective of the Michigan Bean Foundation, of which the Duffield elevator is a unit, is to add to its present processing facilities at Duffield and to establish similar units in various communities thruout the Michigan bean belt.

Gagetown, Mich.—The Wallace & Morley elevator has contracted for a hammer mill, with a Nickle two-roll crusher-feeder and a magnetic separator built into the grinder. The crusher will be equipped with variable flow control. A 30-h.p. motor, direct-connected to the mill shaft, will drive the entire unit. Mixed dairy feeds, containing cob meal, will be produced in a single operation. The Nickle Engineering Works, will furnish this equipment.

Bad Axe, Mich.—Fred W. Kinde, pres. of Bad Axe Grain Co.. who has been connected with the firm for 35 years, announced his retirement from active connection with the company Aug. 17. He will still be pres. of the company, but will devote his time to his private affairs. Fred M. Cross, treas, and general mgr., will manage the Bad Axe company, which operates elevators at Bad Axe. Kinde, Port Austin, Port Hope, Harbor Beach, Ruth, Ubly, Carsonville, Applegate, McGregor and Six Lakes.

Lansing, Mich.—All officers and directors of the Michigan Elvtr. Exchange were re-elected at the 18th annual meeting held Sept. 7. L. E. Osmer remains in charge of the grain business and N. H. Bass, of beans; C. S. Benton is traffic mgr.; Ward King, mgr. of the Port Huron branch; Stanley Wellman, bean department, and Ed Rendall, accounting. Compulsory inspection of all beans for out-of-state shipment under a co-operative arrangement between the state department of agri. and the Michigan Bean Shippers' Ass'n, was endorsed.

Midland, Mich.—The Michigan Bean Co.'s grain elevator was partially destroyed by fire Aug. 31, damage estimated at \$40,000. Loss on wheat and bean stocks was placed at \$1,000. The blaze was caused by a bolt of lightning which struck the cupola during a thunderstorm. The elevator will be rebuilt immediately. Business will be carried on as usual during rebuilding, grain and bean cleaners having been set up in the 30 x 50 ft. warehouse wing of the structure which was not damaged. William F. Didzun is branch mgr. and Peter Hartnagle is elevator superintendent. A. L. Riedel, vice-pres. of the company, stated the fire was the first the Michigan Bean Co. has experienced in any of its 21 elevators in the past 21 years.

MINNESOTA

Lindstrom, Minn.—The Lindstrom Mill Co. recently rebuilt an old warehouse.

Janesville, Minn.—J. J. Schrag, formerly manager of the Farmers Elevator at Dundee, has moved here, where he will manage an elevator.

Henderson, Minn.—Homer Hoelz has taken over the management of the Henderson Feed Mill.

Lake Elmo, Minn.—P. O. Schneider recently purchased a Corn Cutter and Grader, Kelly Duplex.

Norcross, Minn.—The Norcross Market Co. has installed a new electrically operated barley pearler.

Lake City, Minn.—F. J. Page, formerly of Worthington, is manager of the Farmers Elvtr. Co. elevator.

Red Wing, Minn.—The Froedtert Grain & Malting Co.'s local plant suspended business during the summer.

Ortonville, Minn.—Otto W. Kuderling of Big Stone City, S. Dak., is installing Calumet Cups in his local elevator.

Sherburn, Minn.—Sherburn Milling Co. recently purchased an electric truck hoist and drag from the Sidney Grain Machy. Co.

Thief River Falls, Minn.—Ralph W. Woolhouse, manager of a local elevator, resigned his position and has moved to Centralia, Wash.

Hutchinson, Minn.—Fire destroyed the J. W. Nielsen elevator and a small amount of grain here on Aug. 21. Mr. Nielsen will not rebuild.

Prior Lake, Minn.—Prior Lake Elvtr. Co. recently purchased a Kelly Duplex Hammer Mill and one-ton Kelly Duplex Vertical Feed Mixer.

Cambridge, Minn.—Howard Van Ruden will open a General Feed Mill Co. here. The service will include custom feed grinding and mixing.

Redwood Falls, Minn,—We have just added 12,000 bu. tanks to our elevator, which now has a 42,000 bu. capacity.—Redwood Falls Farmers Elvtr. Co.

Waubun, Minn.—Olaf Olson, grain buyer at the local elevator for the past 10 years, has resigned and Mr. Wilson, from North Dakota, has been named to succeed him.

Springfield, Minn.—Ed Shock of Minot, N. D., is manager of the Springfield Milling Co. elevator here, succeeding Walter Torrey, who has purchased his own elevator, north of Alexandria.

De Graff, Minn.—The Farmers Market Co. of De Graff, incorporated, with capital stock, \$25,000; to deal in grain, etc. Incorporators: J. B. McQuaid, Thos. Goggin, Mary Kelly, all of De Graff.

Clarks Grove, Minn.—The Sorenson Grain & Coal Co. is installing a new Fairbanks-Morse motor, supplied by R. R. Howell Co., along with a Howell Electric Overhead Truck Lift and Calumet Cups.

Wheaton, Minn.—The Farmers Co-operative Elvtr. Co. is improving its plant with the installation of a Clow-Winter direct connected geared head drive with Fairbanks-Morse motor; also Calumet cups.

Triumph, Minn.—James Meehan, manager of the Triumph Farmers Elevator for the past 23 years, has resigned and Joe Peterson is his successor. Mr. Meehan will continue as bookkeeper with the company.

Truman, Minn.—About 50 elevator managers, members of the Southern Minesota Grain Buyers Ass'n, held a meeting at Truman village hall recently, the purpose, to establish a scale of uniform prices and grading thruout the district.

Hutchinson, Minn.—Construction work on the new building for the Farmers Creamery will be completed in the near future and work of installing the machinery will be started soon after. The new building will house the milk flour drying equipment.

Lancaster, Minn.—The Farmers Co-operative Elvtr. Co. is making general improvements in its plant. New equipment will include Atlas Belts, Calumet Cups, Howell-Timken Roller Bearings throughout, Howell Ball Bearing Boot and Distributing System.

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Blue Earth, Minn.—The capacity of the Blue Earth Farmers Elevator grinding mill will be doubled when the installation of a second grinding unit equal in size to the present mill is completed. New transformers and other equipcompleted. New transformer ment will be installed also.

Forest Lake, Minn.—The E. J. Houle Co. has installed a new 24-in. attrition mill driven by two 25-h.p. motors and crushing and feeding equipment ahead of the mill to facilitate the work of the machine. The metal sides and roof of the plant have been repaired.

Campbell, Minn.—The Farmers Co-operative Elvtr. Co. has just completed constructing a dust house and installing a new grain cleaner capable of cleaning 400 bus. per hour. The exterior of the elevator has been covered with iron sheeting. L. A. McCaffery is manager.

Hancock, Minn.-Charles Welch is having an addition built to his elevator, which is expected to be completed in the near future. The addition, which will increase the storage capacity of the elevator about 9,000 bus., is composed of two bins, each with a capacity of 4,500 bus.

Winona, Minn.-The Froedtert Grain & Malt-Winona, Minn.—The Froedtert Grain & Maiting Co., Inc., will build a 500,000 to 600,000-bis. concrete elevator at its plant on West Third St. this fall, starting soon and completing it before New Year's, at a cost of approximately \$60,000, Walter E. Peikert, manager, announced.

Asbury (Maynard p. o.), Minn.—Chas. E. Welch of Hancock, Minn., recently purchased the local elevator and is overhauling and repairing it in preparation for the coming crop. New equipment will include a Howell Head and Distributor, Atlas Belting, Calumet Cups, air compressor and a 20-h.p. power unit.

Stewartville, Minn.—The new elevator being erected by the Farmers Elvtr. Co. will be 85 ft. high and will contain 20 bins, each with an individual hopper. A 20-ton scale will be placed in the pit nearest the elevator. The new feed mill will be built northeast of the office build-J. A. Bergholm is in charge of construction work.

DULUTH LETTER

The resignation of Philip E. Nelson, Maple. Wis., as commissioner of the Wisconsin Grain and Warehouse Commission, has been accepted by the governor .- F. G. C.

Duluth, Minn.—The local office of the William Dalrymple Co. was closed Sept. 1 and combined with Hallet & Carey Co. with headquarters in Minneapolis. W. W. Bradbury was Duluth manager.

Cash demand for spring wheat continues fairly strong, with high protein type leading. Durum wheat drags and basis tending lower. Coarse grain demand has been good but shows signs of slowing up.-F. G. C.

An explosion and fire in elevator "K" Superior, of Cargill, Inc., caused damage of about \$10,000 Sept. 4. The building was damaged by the flames and grain soaked by water, but the plant is being operated.—F. G. C.

Globe elevators No. 1-2-3, closed last fall, have been reopened to handle the large new crop of grain and help out the storage situa-tion. A considerable amount of wheat is being stored, on government loans.—F. G. C.

Hallet & Carey recently brought in a 659-ton lot of Canadian screenings by boat. The consignment was run thru a Duluth elevator and transshipped into cars for movement to Minneapolis, for distribution to the feeding trade. neapolis, f

The Duluth Board of Trade and Minneapolis Chamber of Commerce have appointed Walter R. McCarthy pres. of the Capitol Elvtr. Co., Duluth, and a director of the Duluth Board of Trade, to serve as a member of the advisory comittee to assist the government in its wheat buying export program.-F. G. C

As a result of the advancing season and heavy grain movement lake shipping freight rate on grain has advanced. From a rate of 1%c pre-vailing most of the summer, business has been done at 2c for a short time until now the rate has advanced to 21/4c Buffalo delivery. Where hoats must unload at several elevators an even higher rate is asked. The rate on storage space has also advanced from early charter at $3\frac{1}{2}$ c to 4c for November loading.—F. G. C.

MINNEAPOLIS LETTER

Knute A. Lindquist, 59, a member of the Minneapolis Chamber of Commerce, died

Fire in the dust house of the Union Elevator in Minneapolis early the morning of Aug. 26 caused minor damage.

A small fire in a corner of a tool house at ne Cargill elevator in Minneapolis was extinguished Aug. 26 with little damage resulting.

R. L. Pierce, of Fargo, N. D., associated with V. H. Dickinson in the grain commission business, has bot a membership in the Minneapolis Chamber of Commerce.

E. C. Christensen, 83, until his retirement three years ago as superintendent for the Monarch Elvtr. Co., in Minneapolis, died Aug. 17. He was a native of Denmark and had been with the Monarch company for 50 years.

MISSOURI

Cameron, Mo.—A coal shed of the Cameron Co-operative Elvtr. Ass'n was damaged by fire

Palmyra, Mo.—The Farmers Elvtr. & Exchange Co. recently replaced its old cup belt with a new Atlas Belt.

Jefferson City, Mo.—G. H. Dulle Milling Co. has installed a one-half-ton Kelly Duplex Vertical Feed Mixer with motor drive.

Overland, Mo.—Champ Goodwood Dairy Farm has installed a one-half-ton Kelly Duplex Vertical Feed Mixer with motor drive.

Charleston, Mo.—The Elm Creek, Neb., plant of the Western Alfalfa Meal Co., will be dismantled this winter and moved here, doubling the capacity of the local plant.

St. Joseph, Mo.-W. S. Geiger, of W. Geiger Commission Co., and pres. of the St. Joseph Grain Exchange, is returning from a tour of the Rocky Mountain area.

Joplin, Mo.-Offices of the Boyd-Kelso Grain & Milling Co. have been moved to the company's mill, formerly known as the Excello mill, which it has been operating since the first of the year.

Carrollton Mill & Produce Co. from Hurd Martin, who retired from the company after five years of ownership. Business will be continued by the new owner as in the past in the same

Martinsburg, Mo.-Mort Stuart, manager of the Martinsburg Farmers Elvtr. Co. elevator since July, 1934, tendered his resignation Sept. 1, to take effect Oct. 1. He will move to Columbia, in the employ of the Farmers eleva-

St. Joseph, Mo.-Geo. F. Stewart, who has been connected with the grain trade at St. Joseph and Kansas City for a number of years, underwent a gall bladder operation Aug. 27. He is recovering nicely, and has been removed to

McMullin (Morley p. o.), Mo.-Remodeling the local elevator of Sikeston's Southeast Misthe local elevator of Sikeston's Southeast Missouri Elvtr. Co. has been started by Eikenberry Constr. Co. Changes include enlarging of the elevator's driveway and receiving pit, installation of a new engine, increasing the elevating capacity with new legs and buckets, and facilitating the handling of trucks by installing a McMillin overhead truck lift.

KANSAS CITY LETTER

A dust explosion on the scale floor of Cargill, Inc., elevator at Kansas City, on Sept. 1 was fatal to John C. Callaghan, weighmaster. The fire that followed was brot under control quickly, causing little damage. The elevator is the Missouri Pacific, formerly operated by the Continental Grain Co.

Continental Grain Co.

Kansas City, Kans.—The Ismert-Hincke Mill and attached warehouse in the Armourdale district was destroyed by fire the night of Aug. 27 with an estimated loss of \$750,000, with partial insurance. The flames, originating in the sack cleaning room of the warehouse were prevented from spreading from the mill to the attached 1.200,000-bu. grain elevator containing 1 million bus. of wheat. The office building and a reinforced concrete warehouse 75 yards west of the mill also were saved. The attached fire resistive power house was badly damaged. J. A. Willis, Jr., vice pres. and general mgr. of the company, stated plans for rebuilding on the same site are being studied. In the meantime, the company's Topeka mill will probably be opened and business will be continued as usual.

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GRAIN & FEED JOURNALS

GRAIN & FEED JOURNALS Consolidated 332 So. La Salle Street CHICAGO, ILL,

E. Donegan and Pierre Louis-Dreyfus have been elected to membership in the Kansas City Board of Trade.

The Staley Milling Co., of North Kansas City, reported damages sustained at its plant during a windstorm Aug. 30.

ST. LOUIS LETTER

R. J. Huetteman was named treas, and Julius Schuermann see'y of the St. Louis office of the Producers Grain Commission Co. at a recent meeting of the board. Mr. Schuermann has been see'y-treas, of the firm.—P. J. P.

Loren W. Johnson and E. T. Petterson, of Cargill, Inc., the former recently of Minne-apolis and the latter of Portland, Ore., but connected with that company's local office after Sept. 15, recently made application for membership in the St. Louis Merchants Exchange.

E. T. Pettersen, for the last four years Pacific Coast manager of Cargill, Inc., with head-quarters at Portland, Ore., has been transferred to the St. Louis office where he will be manager. Mr. Pettersen has served this year as pres. of the Portland Merchants Exchange.

Edwin T. Stanard, 51, pres. of the Stanard-Tilton Milling Co., was seriously injured recently in an automobile accident near St. Charles, Mo. His left knee cap, collar-bone and several left ribs were fractured when he lost control of his automobile and it left the high-way, turning over several times.—P. J. P.

Merl B. Grover has resigned as manager the Cargill, Inc., St. Louis, offices, effective Sept. 15, and is opening an office in the Merchants Exchange building for the Fox Grain Co., an affiliate of C. B. Fox Co. of New Or-leans. Samuel J. Beyhan, who was with Cargill, Inc., will be connected with the Fox Grain Co also as sec'y-treas.

MONTANA

Wyola, Mont.-William Chapman is installing Winter Pneumatic Truck Lift.

Bozeman, Mont.—The Sweet Co. ha. otified its elevator is eligible to store upon which government loans may be obtained under C.C.C. agreement.

Livingston, Mont.-The Livingston Milling Co. elevator has been approved for grain storage under the C.C.C. requirements and is eligible to receive wheat for storage under the government wheat loan program.

Medicine Lake, Mont .- The condition of J. C. Medicine Lake, Mont.—The condition of J. C. Higgins, local grain buyer, being treated for severely slashed wrists, continues to improve. Mr. Higgins was found in a local hotel room recently, with both wrists slashed, and rushed to Plentywood for treatment.

Great Falls, Mont.—The Rocky Mountain Elvtr. Co. and the Royal Milling Co. sponsored the state F.F.A. show at the North Montana State Fair in August. The Montana Flour Mills Co. was host to thousands of children and their parents on opening day at the fair.

Hanover, Mont.-To greatly expand the wheat storage facilities of the Montana Flour Mills Co., the Three Forks Portland Cement Co. tanks here have been leased by the milling company and are now being prepared to be filled with wheat. George St. Peter is Lewistown representative of the Montana flour mills.

Conrad, Mont.—P. J. Anderson is erecting on his farm southeast of town a 30,000-bu. grain elevator, to be equipped with automatic loading and unloading devices and on a par in convenience with the large elevators in town. A machine shop also being built will house a diesel for the best with will furnish power and lights. power plant which will furnish power and lights for the elevator.

Chester, Mont.—Local elevators are enlarging and expanding their facilities this fall to be in better shape to handle the large crop. The Rocky Mountain elevator installed a new scale, much larger than its old one; the St. Anthony elevator is increasing its storing capacity and the International has made additions to its receiving equipment.

Circle, Mont.-The Farmers, Union, Occident Circle, Mont.—The Farmers, Union, Occident and International Elevators announced early in August that, effective at once, all buying of wheat will be on a protein basis. Protein premiums to be added to regular prices are as follows: 16% protein, 15c; 15½%, 13c; 15%, 1c; 14½%, 10c; 14%, 9c; 13½%, 7c; 13%, 5c; 12½%, 4c; 12%, 2c. Tests will be made of each load of grain and payment made after return of the protein analysis. The above premium of the protein analysis. The above premium payments, however, are subject to change with-

Wibaux, Mont.-Selmer H. Syverson, formerly of Genoa, N. D., is now manager of the Wibaux Co-operative Elvtr. Co. elevator.

Homestead, Mont.—Bill Waller, employed at the Farmers Elevator, was seriously injured Aug. 17 when he fell into one of the pits at the elevator, injuring his limbs, back and hips and breaking two ribs. He failed to notice the lid had been left off of a pit near which he was working, and stepped into the opening, dropping to the steel slide and landing at the bottom with great force.

Bozeman, Mont.—Elevators of the Montana Elvtr. Co. are not taking in wheat upon which government loans are sought until the government gives it permission to ship wheat to bonded terminal markets as necessitated by local storage conditions. A provision of the act governing wheat storage upon which loans are sought prohibits movement of grain from the elevator in which original storage was made.

NEBRASKA

Lincoln, Neb.-Gooch Bros. dissolved partnership Sept. 6.

Magnet, Neb.-The Crowell Elvtr. Co. has installed a new Soweigh Scale in its local elevator.

Union, Neb.—George A. Stites has installed an up-to-date computing gas pump at his ele-

Elm Creek, Neb.-The Western Alfalfa Meal Co.'s local plant will be dismantled this winter and moved to Charleston, Mo.

Maywood, Neb.-The Maywood Equity Exchange is equipping its elevator with Atlas Elevator Belting and Calumet Cups.

O'Neill, Neb.-Thieves broke into the Farmers Union Elvtr. Aug. 13, but were unable to crack open the safe, so found little loot.

Alma, Neb.—The Alma Co-operative Equity Exchange has been authorized by the railway commission to operate as a licensed warehouse

Culbertson, Neb.-George Bechthold, who has been employed at the Shannon grain elevator for several months, left recently for Garden City,

Neb.—The railway commission Manley. cently canceled a bond given by the Manley Grain Co., which reported it has no grain in

Bloomington, Neb.-The Bloomington Equity Exchange elevator was closed the first of Sep tember because so little grain is now being sold

Minatare, Neb.--L. P. Lupher has completely rebuilt his bean elevator located in the old potato warehouse building. The roof has been enlarging the receiving bins, a new up-to-date cleaner has been installed.

Nickerson, Neb.—A new elevator is to be erected here this fall by the Nickerson Farmers Union Elvtr. Co. at the cost of \$7,500, replacing the one burned July 13. Henry Lubker, new manager, stated bids for the building were

Omaha, Neb.-Cargill, Inc., was given authority by the railway commission recently to reduce rates on storage of government grain in order to meet the competition of other terminal elevators. The order asked for by Cargill limits the total charge to 7c a year.

Gibbon, Neb .- A small blaze at the T. B. Hord Grain Co. Aug. 14 was extinguished before much damage resulted.

Nebraska City, Neb.—The Schminke Mills are being enlarged. Two stories, 37 x 22 ft., will be added above the engine room, and the roof on the rest of the building, which is 51 by 37 ft., will be raised to furnish a third floor for additional willing. tional milling machinery.

Plattsmouth, Neb.-Carl Keil, who has been in Third and Pearl Sts., has resigned his position and will be succeeded by Joe Nana of Omaha, who has been connected with the company's Omaha plant for some time.

Hemingford, Neb.—C. A. Larimer of Haigler, Neb., has moved his family here. He will take over his duties as manager of the Hemingford Grain & Oil Co. Oct. 1. D. P. Rankin, who has been manager here for the last five years, has been transferred to Omaha headquarters.

Gordon, Neb.—T. R. Magowan, manager of the Farmers Grain Co., pleaded guilty to four counts of a grand jury indictment charging violation of the federal warehouse law before Federal Judge James A. Donohoe Aug. 30. He was actually at the charge of the country of cused of taking stored grain for his own use. Sentence was reserved.

Kenesaw, Neb.—W. W. Gallup of Alda, recently bot the Kenesaw Elevator from John Keim, taking possession Sept. 10. The coal sheds were included in the deal. Mr. Gallup is at present operating the elevator at Alda also. He is installing a Clow-Winter Direct Connected Geared Head Drive and 10-h.p. electric motors at the legal elevator. motor at the local elevator.

Holbrook, Neb.—Believing an elevator may be a place of beauty as well as business, "Bill" Rankin set to work early this spring to surround his elevator and flank its driveway with grass, flowers and shrubbery. Result—townspeople point to the property with pride and visiting crain association may frankly admit be iting grain association men frankly admit he "has something" in his idea. Certainly the elevator is distinctive in this respect, for few plants have lawns, to say nothing of shrubs, to take away the usual drab, monotonous appearance of their surroundings.

Cozad, Neb.—Cozad and Lexington employes of the Denver Alfalfa Milling & Products Co. gathered at the City Hall Aug. 19, where they listened to a telephonic broadcast from St. Louis, honoring William H. Danforth, who 45 years ago founded the original Ralston-Purina Co., parent organization of the Denver Mill, and at present is chairman of its board of directors. The broadcast went to all the numerous cities and towns in the United States where its plants are operating and was heard in similar fashion by plant employes.

by plant employes.

Omaha, Neb.—Additional warehouses approved by the C.C.C. as storage points are: Terminal warehouses: Updike Grain Corp., Maney Milling Co. and Omaha Elvtr. Co., all of Omaha; Crowell Elvtr. Co., Bartlett Frazier Co. and Butler-Welsh Grain Co., Council Bluffs, and Butler-Welsh Grain Co., Nebraska City. Subterminal elevators: Columbus Grain Co. and T. H. Hord Grain Co., both of Columbus; country elevators: Farmers Grain & Supply Co., Ulysses; W. T. Barstow Grain Co., Gordon; Dudden Elevator, Venango, and Updike Grain Corp. at Tilden, Lindsay, Fremont, Cornlea, Bruno and Cedar Bluffs. Cedar Bluffs.

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Omaha, Neb.—Nebraska put the first itinerant trucker law on the statutes two years ago. We must not allow it to be repealed or weakened by the legislature this winter. A month ago a delegation representing the grain dealers and other industries held a conference with Governor Cochran to urge a more active enforcement of the law. We expect more men to be put on the work. Then with better co-operation from tradesmen in filing complaints we will have better results in prosecuting the offenders.

—J. N. Campbell, sec'y, Nebraska Grain Dealers Ass'n

NEW ENGLAND

Barton, Vt.—The feed mill of F. C. Brown was damaged by fire on Aug. 11.

NEW JERSEY

Cookstown, N. J.—G. T. Sponenberg has just recently purchased a one-ton Kelly Duplex Vertical Feed Mixer, belt drive.

NEW YORK

New York, N. Y.—Quality Milling Co., Inc., grains and cereals, 100 shares, n.p.v., head-quarters, Manhattan.

Mount Vernon, N. Y.—The Charles Rockwell .Co., Inc., grain and feed store, recently celebrated its 75th anniversary of its founding.

Geneva, N. Y.—The Patent Cereals Co. is adding to its plant equipment with the installation of a Clow-Winter Metal and Stone Separator.

West Coxsackie, N. Y.—An explosion in the attrition mill in the Coxsackie Milling & Supply Co. plant, Aug. 24, was responsible for considerable damage.

Lockport, N. Y.—Sale of the Niagara Falls Milling Co. plant in Locksport to Pearl E. Mc-Guire of Buffalo has been announced. The sale was authorized by a referee in bankruptcy. With the mill was sold all the real estate, machinery, equipment, furniture, brands and trade names. Mill had been closed since Nov. 1, 1937. If the entire plant is not resold, it will be dismantled.—G. E. T.

New York, N. Y.—Pillsbury Flour Mills Co. stockholders voted on the authorization of a new \$7,500,000 bond issue Sept. 13. Of this sum, \$6,000,000 would be issued immediately in 15-year maturity bonds with interest rate not to exceed 4 per cent, and the remainder would be held in reserve. Of the \$6,000,000, the major proceeds would be used to retire outstanding \$4,317,000 principal amount of the 20-year 6 per cent bonds which mature Oct. 1, 1943, the company's only funded indebtedness.

BUFFALO LETTER

George Todd, pres. of Maritime Milling Co., Buffalo, has recently returned to his duties after a prolonged absence due to an operation.

The strike of Car Coopers' Local 1286, Buffalo, tying up the preparation of box cars for carriage of grain and flour, has been settled with the signing of a contract giving the men a seven-cents-an-hour wage increase.—G. E. T.

Max August Kraft, 70, has retired after 34 years of service with Spencer Kellogg & Sons, Inc., Buffalo. He was foreman at the Buffalo plant for the last 14 years. Mr. Kraft plans to devote his time to raising chickens.—G. E. T.

Buffalo. N. Y.—The New York State Millers Ass'n held a luncheon here to study the procedure under which the federal government will purchase 5,000,000 bbls. of flour for export, under an indemnity to cover losses, commonly called a subsidy.—G. E. T.

In a telegram to Sec'y of Agriculture Henry A. Wallace, the Corn Exchange of Buffalo has requested that the government move its wheat purchases via all-American channels, thus providing much needed aid to both American industry and labor.—G. E. T.

The following change in the rule governing commissions and brokerage fees was announced Aug. 25 by directors of the Buffalo Corn Exchange: "The brokerage rate on all kinds of exclake grain, to arrive, afloat or in store in amounts in excess of 10,000 bus., shall be a minimum of ½c bu.; in amounts of more than 10,000 bus., the rate shall be ½c." Previously there was a flat rate of ½c bu. regardless of quantity.

Mrs. B. B. Held, formerly treas, of the Traders Grain & Feed Co., Buffalo, is now associated with the wholesale feed business of Sheldon Lattin, Chamber of Commerce building.

The Superior Elvtr. Forwarding Corp.'s elevator has been licensed by the A.A.A. as a storage point for wheat on which loans will be made to farmers by the Federal government. The elevator, on the Buffalo river, may store up to 4,600,000 bus. under the license, the only elevator to be licensed in this area for wheat loans, it is understood. As the elevator lacks facilities to handle wheat brot by truck and is equipped to accept only wheat brot by rail, the 1,000 Erie county farmers with some 300,000 bus. of wheat eligible for loans of 73c per bu, will be forced to find some other facilities for their trucked-in grain. The ruling making trucked-in grain unacceptable was made because of the liability involved in unloading trucks on railroad property. Several truck loads had been unloaded when the ruling was made.

NORTH DAKOTA

Aneta, N. D.—Cargill, Inc., local elevator was recently repainted.

Grenora, N. D.—H. E. Wicklund has recently reopened his elevator for business.

Northwood, N. D.—The Northwood Grain & Feed Co. is installing Calumet Cups.

Horace, N. D.—Thomas Barrett was recently named manager of the local elevator.

Webster, N. D.—Frank Munig is the new manager of the Woodworth elevator here.

Elliott, N. D.—The Elliott Farmers Supply

Co. plant was damaged by wind on Aug. 18.

South Heart, N. D.—The Occident Elevator

here has been given a coat of aluminum paint.

Pisek, N. D.—The St. Anthony & Dakota Elvtr.
Co. elevator here has been repaired and improved

Williston, N. D.—The Williston Mill will be opened soon under the management of A. W. Jennison.

Columbus, N. D.—The Columbus Flour Mill is now open for business with Mr. Moore and son Frank in charge.

Sherwood, N. D.—A crew of workmen are doing some repair work at the St. Anthony-Dakota Elevators.

Larson, N. D.—Leonard Eaton of Lignite is the new manager of the St. Anthony & Dakota Elevator at Larson.

Fargo, N. D.—The Red River Grain Co. has been formed by J. H., Anne, Louis P., Helen and Frances Goldberg.

Northwood, N. D.—The Northwood Equity Elvtr. Co. has installed a new barley pearler with motor drive equipment.

Crystal Springs, N. D.—Edward Opps has taken over the management of the Occident elevator at Crystal Springs.

Ray, N. D.—Clarence Tofte, of Williston, has moved here where he will take over the management of the Farmers Co-operative Co, elevator.

Max, N. D.—The Farmers Equity Elvtr. Co. is repairing its west elevator to make it eligible to receive wheat under the Federal Wheat Insurance Plan.

Kloten, N. D.—John Franson, 58, ass't at the Farmers Grain Co. elevator here, was killed when a joist fell on him as he was cleaning a pit in the elevator.

Gackle, N. D.—The Occident Elvtr. Co., division of the Russell Miller Milling Co., has purchased a grain elevator here from Christ Borth and J. A. Zimmerman.

Berlin, N. D.—John Southall, 70, local elevator man and banker, died Aug. 17 from injuries sustained in an auto accident. He entered the grain business at La Moure in 1904, coming here later.

Oakes, N. D.—C. E. Roney, owner of the Roney Seed & Feed Co., has purchased the Jenny Elevator from H. O. Jenny, and will operate it in addition to the seed and feed company.

Woods, N. D.—The J. H. Fisch Co. has been awarded the contract to move a local elevator owned by the Farmers Elevator Co. Two elevators now in separate locations are to be moved together and extensive repairs will be made.

Wheatland, N. D.—Fire, caused by lightning, recently destroyed one of the two local elevators owned by the St. Anthony & Dakota Elvtr. Co., containing between 25,000 and 30,000 bus. of wheat and barley. The loss is estimated to be between \$20,000 and \$25,000.

Hannah, N. D.—The Farmers Co-operative Elvtr. Co. is equipping its plant with a new Clow-Winter Direct Connected Geared Head Drive, a Howell Roller Bearing Boot, Atlas Belting, Calumet Cups, 15-ton Fairbanks Scale and a Clow-Winter Pneumatic Truck Lift with Howell-Improved Sectional Steel Dump Grates.

Minot, N. D.—To facilitate administration of the estate of the late A. A. Robinson, who died a year ago, a petition has been filed in Ward County district court for the dissolution of the A. A. Robinson Elvtr. Co., Inc. A hearing on the petition will be held Oct. 4. The company which several years ago owned a Minot elevator and managed others near Minot has not been in the grain elevator business for more than 15 years.

OHIO

Union City, O.—Parent Grain Co. has installed a $1\frac{1}{2}$ -ton Sidney Kwik-Mix Mixer.

Troy, O.—We are thinking of remodeling our elevator next year.—Ed S. Falknor Grain Co.

Laura, O.—W. C. Mote reported damage sustained at his elevator during a recent windstorm.

Bellbrook, O.—Bartley Bros. recently purchased a one-half-ton Kelly Duplex Vertical Feed Mixer, belt driven.

Montpelier, O.—Williams Co. Farm Buro Coop Ass'n has installed a one-ton Kelly Duplex Feed Mixer with motor drive.

Toledo, O.—A. A. Bame of the Toledo Soybean Products Co. has made application for membership in the Board of Trade.

Mason, O.—George C. Carnahan of the Mason Milling & Supply Co. reported damage sustained at the elevator during a recent windstorm.

Spencerville, O.—Phillip Mauer has bot the 65-bbl. mill here from C. A. Kolter. The mill, operated by water power, has been idle for some time.

Quincy, O.—Quincy Grain Co. has installed a No. 122 Cleaner with bagging elevator, furnished them recently by the Sidney Grain Machry, Co.

London, O.—L. R. Watts and his grandson, Ross M. Snyder, plan to improve and expand the Farrar & Watts elevator here in seeds and feeds as well as the general grain business.

Toledo, O.—The 70th birthday anniversary of Fred Mayer was made the occasion for an unusual attendance on the Board of Trade recently. Mr. Mayer is associated with H. W. DeVore & Co.

Paulding, O.—Tony Juricka, of Merrell, Mich., has bot the Hansen flour mill, taking possession Sept. 1. He will embark in the feed business on a larger scale as well as carry on the present business of the mill.

Columbus, O.—New firms admitted to membership recently in the Ohio Grain, Mill & Feed lealers Ass'n are New Madison Grain Co., New Madison, and New Paris Grain Co., New Paris.—W. W. Cummings, sec'y.

Ottoville, O.—Ottoville Hatchery & Feed Mill installed the following equipment, furnished them recently by the Sidney Grain Machry. Co.: boot sheller, large elevator, combined corn cob and small grain cleaner, and several electric motors.

East Palestine, O.—The L. L. Pyle Milling Co., new local enterprise, opened for business Aug. 13. Mr. Pyle has completed his new structure which houses the business, and will carry a full line of feed, seeds, flour and do custom grinding and mixing of feeds.

Kalida, O.—The Odenweller Milling Co. reports an unusually busy year in buying and selling grain, and feed grinding. W. J. Odenweller is manager of the elevator, which is one of the few houses not abandoned by companies when railroads upon which transportation depended were discontinued. For the past six years this elevator has been without a railroad, and grain is hauled by truck from the elevator to Ottawa, where it is loaded into railroad cars.

Continental, O .- The Raabe Grain Co. has opened its new elevator here, the modern struc-ture occupying the site on the Nickel Plate railroad where the old Buckeye elevator was destroyed by fire several years ago. Rudolph Raabe, Jr., is manager of the plant, which will handle grain, coal and builder's supplies.

Holgate, O.—Northwestern Ohio Farmer Grain Holgate, O.—Northwestern Ohio Farmer Grain Dealers' Ass'n held its August meeting here, at which C. C. Fivian, mgr. of the Continental Grain Co. elevator at Maumee, discussed "Terminal Marketing Problems." W. E. Jackson, pres. of the Holgate Grain Supply Ass'n, presided and acted as host. The next meeting of the ass'n will be held at Fostoria.

Sidney. O .- Ohio Grain, Mill & Feed Dealers Ass'n will hold its regular fall meeting and field day at the Sidney Golf & Country Club Sept. 20. A program of interesting speakers at 9:30 a.m. will be followed by luncheon at 1 o'clock, after which games, contests, etc., will be entered into. Many prizes for the victors in the contests will add greatly to interest in the events.—W. W. Cummings, sec'y.

Florence Switch (Shinrock p. o.). O .- L. R. Florence Switch (Shinrock p. o.). O.—L. R. Watts, London grain man, has sold the grain elevator here to the Agricultural Lands, Inc., who have incorporated under the firm name of Elevators, Inc. Prior to the retirement of the late W. E. Farrar from the business, and subsequent dissolving of the incorporation, the elevator was known as the Farrar & Watts elevator. Agricultural Lands, Inc., is owned by the Wolf newspaper interests in Columbus. who own and operate several thousands of acres who own and operate several thousands of acres of farmland in Madison county.

OKLAHOMA

Pauls Valley, Okla.—The Shawnee Milling Co. has installed a 20-ton scale at its local elevator. Clinton, Okla.—A 100-bbl. mill will be built here, according to William C. McDonald of

Fairmont, Okla.—The General Mills grain elevator and 5.000 bus. of wheat were destroyed in a fire of undetermined origin, Aug. 5. Henry Wyssman, local manager, estimated the loss at \$15,000, covered by insurance.

Oklahoma City, Okla.—The Sungold Milling Co., and the Oklahoma Terminal Elvtr. Co. are owned by Frank Gresham, who was formerly connected with the Gresham Mills at Guthrie, and now operates a feed mill at Purcell, Okla.

and now operates a feed mill at Purcell, Okla.

Helena, Okla.—We have installed a Calkins Grader and Smut Treater, to be used for wheat, oats and other grains. The ass'n now owns four elevators with 40,000 bus. storage capacity, having bot the Kimbell Mill elevator some time ago. This gives us control of cars on siding between our four elevators, which is a great help in loading during rush season.—Farmers Co-operative Ass'n.

Parmers Co-operative Ass'n.

Ponce City, Okla.—D. J. Donahoe, Jr., general mgr. of the Ponca City Milling Co., was seriously injured early Aug. 23 when the car he was driving plunged off the road north of Ponca City and overturned. Mr. Donahoe sustained a fracture and dislocation of his left shoulder, several abdominal bruises, possible internal injuries and lacerations on the right side of his face when his head was thrust thru the broken windshield and he was pinned thru the broken windshield and he was pinned under the car.

under the car.

Enid. Okla.—Numerous warehouses thruout the Oklahoma grain belt have been approved for storage of wheat in connection with the 1938 loan program of the commodity credit corporation. Among them are Enid Elevator Corp., Salina Terminal Elvtr. Co., Union Equity Co-operative Exchange, of Enid and classed as terminal warehouses; Guthrie Cotton Oil Co., Empire Elvtr., Guthrie, Kansas Flour Mills Corp., with the Alva Roller Mills elevator in Alva and the Cherokee Mills elevator, Cherokee. all classed as sub-terminal warehouses. Country warehouses, the Clyde Co-operative Ass'n, with stations in Medford, Clyde. Renfrow, Deer Creek and Nardin; the Enid Elvtr. Corp., with stations stations in Medford, Clyde, Renfrow, Deer Creek and Nardin; the Enid Elvtr. Corp., with stations in Cropper, Carmen, Cherokee, Hillsdale and Cleo Springs; the Farmers Co-operative Ass'n of Alva; the Farmers Elevator and Co-operative Ass'n of Hennessey. The Farmers Co-operative Elvtr., Imo, route three, Enid; the Hardeman-King Co., Merit Mills elevator. Oklahoma City; Hillsdale Equity Exchange, Hillsdale; and the Kingfisher.

Dodge, Okla.—The Blackwell elevator was completely destroyed by fire the night of Aug. 19, the loss placed at approximately \$5,000, covered by insurance. Origin of the fire is unknown. The elevator, which was purchased by Mr. Blackwell about four months ago, contained 3,500 bus. of wheat and about 2,500 bus. of

PACIFIC NORTHWEST

Everson, Wash.-Scott & Hart recently installed a Kelly Duplex Cutter Head.

Perrydale, Ore.-H. J. Elliott is installing a Clow-Winter Automatic Grain Treater.

Lind, Wash.—For the first time in several Lind, Wash.—For the first time in several years in this section sacked grain is being stored in the open. At the Milwaukee Grain & Elvtr. Co. elevator the elevator and warehouse have been filled to capacity and the surplus sacked wheat is being stacked north of the warehouse, the pile Sept. 1 almost as large as the building beside it, and still growing. Seattle, Wash.—George Neil, connected with the grain and feed business for the last 30 years, died recently.

Lewiston, Ida.—The Lewiston Grain Growers are equipping their plant with new Atlas Belting and Calumet Cups.

Opportunity, Wash.—Dishman Feed was destroyed by fire that burned the building with its contents early Sept. 1,

Hoquiam, Wash.—The Twin City Flour & Feed Co. has been issued a permit to construct a warehouse costing \$1,500.

Waitsburg, Wash. - Edward J. Spokane, is new foreman of the warehouses for the Touchet Valley Grain Growers, Inc.

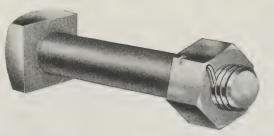
Hoquiam, Wash.—The Twin City Flour & Feed Co. is erecting a \$2,500 storehouse at its plant, 75 x 100 ft. in size, for storing hay.

Gooding, Ida.—The Murtaugh Seed & Supply Co. is improving its elevator with a Howell Electric Overhead Truck Lift and new Salem



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Davenport, Wash.—The Reardan Grain Growers, Inc., has completed a 150 x 30 ft. addition to one of its warehouses, to house the grain that in past years has been piled outside.

Mondove, Wash.—The Centennial Grain Co. of Spokane is installing Calumet Cups in its local elevator. An 80,000 bu. bin has been installed, also, at the company's warehouse here.

Carnation, Wash.—The Gehring Feed Co. has been incorporated, capitalization, \$10,000; to deal in poultry feeds; incorporators: Ernest Gehring, Jennie B. Simmons, Fred Dolder, Jr.

Longview, Wash.—The grain elevator at the Port of Longview dock was threatened by fire, started by a stray spark from a welding torch, Aug. 12. Firemen extinguished the blaze, with slight damage resulting.

The Dalles, Ore.—Approximately 8,000 sacks of wheat went to the bottom of the Columbia river early the week of Aug. 14-20, when a barge developed a leak and sank near the Cascade Locks.—F. K. H.

McCammon, Ida.—Sterling Nelson will open and operate the old Union Grain & Elvtr. Co. mill this fall. The plant will be wired for electricity and electric power used, it having been operated by water power formerly.

Palouse, Wash.—The Lawrence Warehouse Co., represented by the Wallace Grain & Pea Co. of this city, and the Idaho Boyd-Conlee Co. have been approved by the Spokane offices of the C.C.C. for making federal wheat loans.

Lakeview, Wash.—The Berger & Son Feed Mill has completed installation of new equipment for feed grinding and mixing. This work was formerly done at the Berger & Son Midland plant. Walter Berger is plant manager.

American Falls, Ida.—The Sterling H. Nelson Co., of Salt Lake City, has leased the Great Basin Elevator here and has opened it for business, following completion of extensive repairs made at the plant. This company has elevators in Ashton, Arimo, Downey and Salt Lake as well as trackside loading at several points in Utah and Idaho. Morris Vance is in charge of the local elevator.

Sumas, Wash.—Bushby Warehouse was taken over Aug. 22 by Scott & Hart of Everson and the warehouse and mill reopened for business under the name of the Sumas Feed Mill Co. Cap Galloway, who has been associated with Scott & Hart for the last two years, will be manager of the local mill. The mill will do general feed grinding and seed cleaning as well as carry a complete line of feeds, grain and flour.

Uniontown, Wash.—The new elevator constructed for the Centennial Grain Co. of Spokane, has been equipped thruout by R. R. Howell Co. New machinery includes a Howell Direct Connected Geared Head Drive, 10 h.p. Fairbanks-Morse Motor, Atlas Belting, Calumet Cups, Howell Electric Overhead Truck Lift, Howell Duplex Safety Man Lift, Richardson Automatic Grain Shipping Scale and Howell Bin Spouting.

Bonners Ferry, Ida.—The Idaho Boyd-Conlee Co. has begun operations at the local flour mill in the former Rogers Bros. pea warehouse, with G. L. Greeves in charge. The company bot the building several years ago, installed milling equipment, but it was not until recently that the decision to go ahead with the original plan, which includes year around operations with local wheat only, was made. The mill has a daily capacity of 25 bbls.

Selah, Wash.—The Kinne Feed Store is now equipped for custom grinding, in addition to carrying on its regular feed and grain business. A small addition at the rear of the store houses the grinder and ten h.p. motor. The cleaning and sacking equipment was installed a year ago at the rear of the store. The improvement will cost a thousand dollars. The equipment will also be used in preparing the company's own ground feed products. Heretofore, it was necessary to take grain to Yakima for cleaning and grinding.

Rupert, Ida.—The new construction and remodeled produce and warehouse plant, representing an investment of approximately \$7,000, has been completed for the Charles N. Campbell Warehouse opposite the U. P. depot, and is ready for the season's business. The warehouse equipment includes the most up-to-date bean and potato sorting machines and arrangements have been made for seed storage. Space for 30 cars of beans and 80 cars of potatoes is provided. 'Charles N. Campbell is general manager.

Nezperce, Ida.—The Nezperce Rochdale Co. recently completed installation of a new 94-ft. pipe line of 8-inch steel tubing from the new elevator into one of the warehouses in order to empty bins in the bulk storage plant to accomodate new grain. Storage for the new crop is becoming more and more of a problem to local houses. The walls of the Nezperce warehouse have been reinforced with heavy planking and cables and sacked grain has been piled to form huge bins with the walls. Two such bins, with a capacity of around 60,000 bus., were constructed.

Pomeroy, Wash.—Farmers desiring to lease trucks and hire their drivers to haul grain must first have a written lease, made in proper form, and submitted to the transportation division of the department of public works, and approved, according to a recent decision of Justice John Bailiss. The contract must have been approved and on file for five days. In the case on which decision was rendered the trucker had leased his truck to a farmer and charged him \$6 a day for his hire, the farmer furnishing gas, oil and necessary repairs. He had made a lease with the farmer but had failed to submit it to the department of public works for approval.

Spokane, Wash.—The Spokane R. F. C. agency Aug. 29 approved five warehouse concerns for wheat loans from the C. C. This group embraces 30 warehouses. Approved were the F. M. Martin Milling Co., Cheney, Wash.; F. E. Robinson, Nezperce, Ida.; Colfax Grain Growers, Inc., Colfax, Wash.; H. F. Kirk Grain Co., 'Waverly, Wash.; Washtucna Grain Growers, Inc., Washtucna, Wash. The decision of the C. C. C. to carry the insurance on wheat mortgaged to it on direct loan brushed away the last of obstacles which have been standing in the way of approvals for weeks; lending agencies, however, must carry their own insurance on wheat.

Genesee, Ida.—The Mikkelsen Grain Co. warehouse has been approved by the C.C.C. to handle wheat on which government loans are to be made according to an announcement made at Spokane. Clyde Manring, local mgr., said his company planned to handle wheat on government loan, but one obstacle remained, that of insurance. Since the loan agency of the Reconstruction Finance Corp. at Spokane has notified warehouse companies that insurance would be handled by the C. C. C., he stated, however, the Mikkelsen Co. would participate in the loan program by handling wheat for storage on which government loans are made at the rate of 48c per bu., basis No. 1.

Tekoa, Wash.—The Tekoa Wheat Growers, Inc., has resumed operation of its former business location, which has been leased the last year to the Frazier Grain Co. Mr. Frazier has gone into business at Plummer, Ida., and turned the lease back to the Wheat Growers. New cleaning and treating machinery is being installed and a new gravity machine for removing weevil-infested peas from the crop. A fumigating room, also, will be installed for treating seed peas. The company will not enter the seed business, but will endeavor to accomodate local farmers who have their own peas and desire to have them treated for seed. The office will remain in its present location, however, for the present. Foster Clark is

Tacoma, Wash.—As the result of the crosstown transit case heard here June 7, in which the Tacoma Chamber of Commerce, the North Pacific Millers Ass'n and the port of Tacoma joined, complaining that the four railroads serving Tacoma were maintaining discriminatory and prejudicial regulations governing transit of grain and grain products, because wheat could not be stored at the Port of Tacoma elevator and switched to Tacoma mills free, altho it could be stored at Seattle, Vancouver or Portland and shipped here free to mills, free switching of grain and grain products within the city limits of Tacoma now is in effect. An official tariff supplement was received from the department of public service of Washington authorizing the change.

Odessa, Wash.—The Odessa Union Warehouse Co.'s main elevator and warehouse burned Aug. 22. Loss on building, \$35,000, partial insurance; total loss more than \$90,000, as estimated by Sol Reiman, mgr. The building was filled to capacity with 130,000 bus. of bulk wheat and about 14,000 bus. of sacked wheat, which were still burning a week later. All wheat owned by the

company was insured and a large per cent of the farmer-owned grain. The blaze began with an explosion believed to have been caused by spontaneous combustion about 4 a. m., and spread rapidly. The mill building and office, about 70 ft. distant, were saved by hard work of firemen, with grain doors as shields to keep off the intense heat. Mr. Reiman stated no plans have been made as yet to rebuild, but that another building would doubtless be erected soon, altho not on the same site.

PORTLAND LETTER.

The warehouse of the Dennie Supply Co., Portland, was destroyed by fire of undetermined cause on Aug. 14.

Foreign matter going thru an attrition mill at the Scott Palitzsch Feed Mills, Portland, caused a fire that did considerable damage on Aug. 24.

Floyd Roberts, who has been employed in the Cargill, Inc., Portland, office, has been made manager for the Pacific Northwest, replacing E. T. Petterson, who has been transferred to the company's St. Louis office.

The federal crop insurance corporation has received 300 applications from Oregon for policies on winter wheat at the close of August. Campaign for applications on the spring crop has begun.—F. K. H.

In honor of Balfour Guthrie Co., Ltd., which has been established in Portland for 62 years, a reception was held at Portland Chamber of Commerce recently. The entire day was devoted to the company and its subsidiaries as Crown Mills.—F. K. H.

PENNSYLVANIA

Bloomfield, Pa.—H. P. Dyson's Sons Co. recently installed a Kelly Duplex Corn Cutter and Grader.

Turbotville, Pa.—M. E. Herr has recently completed a 100-bbl. mill here, installing all new machinery.

Greenville, Pa.—H. C. Beattie has purchased a one-half-ton Kelly Duplex Feed Mixer with motor drive.

Philadelphia, Pa.—Samuel McCleary, of A. Judson Stites, feed and grain firm, is seriously ill in the Graduate Hospital here.

Kings Mills (Duncannon p. c.), Pa.—The Samuel Rumbaugh mill, a four-story frame structure, along the Juniata Creek, about 2 miles west of Duncannon, was destroyed by fire Aug. 4, of incendiary origin, John Clouser, 14, confessing he fired the building because Rumbaugh owed him \$3 and refused to pay him.

Wysox, Pa.—Floyd Vandervort's mill has been thoroly modernized thruout. Efficient new grinding machinery for ear corn and grains, mixing machinery; hammer mill, automatic scale; bag closing machine; sack carrying elevator; corn cutter, cracker and separator; 12,000-gal. molasses storage tank have been added. Since remodeling, the building occupies a space 40 x 156 ft., with a railroad switch running the length of one side. John Vandervort & Son opened their first mill in Laceyville in 1872, the local plant being the outgrowth of this business.

SOUTH DAKOTA

Gettysburg, S. D.—The Gettysburg Milling Co. is installing Calumet Cups.

Twin Brooks, S. D.—A hot bearing on a motor caused a small fire in the T. A. DeWerd elevator Aug. 27.

Kampeska (Watertown p. o.), S. D.—The Farmers Elvtr. Co. is installing new Atlas Belt and Calumet Cups.

Henry, S. D.—The Farmers Union Elvtr. Co. is equipping its driveway with a Howell Electric Overhead Truck Lift.

Henry, S. D.—The National Atlas Elevator has been approved as a country warehouse in connection with the wheat loan program of the C.C.C.

Wessington Springs, S. D.—The Jerauld County Milling Co. mill has resumed operations after being closed for some time while remodeling was in progress.

Loomis, S. D.—Due to the uptrend in business because of the large grain harvest, the National Atlas Elevator has reopened. Floyd Trask of Aberdeen is manager.

Langford, S. D.-A new Soweigh Scale has been purchased by Palmquist & Shoemaker.

Aberdeen, S. D.-South Dakota Wheat Growers Ass'n received word from the Minneapolis office of the loan agency of the R.F.C. to the effect its 13 elevators have been approved as grain storages for wheat eligible for loans from

Beresford, S. D.-Erection of an 18,000-bu. grain elevator annex for the Fruen Grain Co., directly south of the original structure, was started recently. The annex is 26 x 26 ft. in size and will be the same height as the main building. It will contain four separate bins of 4,500 bus. capacity each. The Younglove Const. Co. is doing the work.

SOUTHEAST

Brookneal, Va.—Owen's Mill is now being operated by R. W. Harper.

Amherst, Va.—The Bladock Mill has been taken over by W. A. Miller, formerly of Eving

Tallapoosa, Ga:-Citizens Milling Co. recently installed a Kelly Duplex Corn Cutter and Grader, motor drive.

Thomasville, Ga.—Alday & McBride recently purchased a Kelly Duplex Corn Cutter and Grader, motor drive.

Pantego, N. C.—The Eastern Carolina Millers Ass'n held its September meeting here at the Eastern Elvtr. & Grain Co. elevator Wednesday, Sept. 14.

Atlanta, Ga.—Jack Lanum, who formerly represented Anheuser-Busch, Inc., at Savannah, Ga., has been transferred to the local office to fill the vacancy caused by the resignation of N. Sprott, Jr.

Clinton, N. C .- The Golden Grain Milling Co. of Clinton has been incorporated, a \$40,000 corporation with \$400 subscribed stock, by J. M. Atkins, Mildred Atkins, R. P. Spell and Kathleen Ewing, all of Clinton.

Mobile, Ala.—The Mobile & Ohio Railroad grain elevator will improve and enlarge its facilities here, the undertaking to cost about \$50,000. The modernization program includes an unloading shed to be built on the east side

Atlanta, Ga.-Theodore W. Martin, 70, veteran Atlanta, Ga.—Theodore W. Martin, 70, veteran flour, feed and grain broker, prominently known thruout the country for his many years' connection with the industry, died Aug. 27. He had been in failing health for several years, but was seriously ill only a week. Since his retirement from business three years ago his son, Howard, has managed the firm his father founded.

TENNESSEE

Algood, Tenn.—H. A. Draper has built a new 65-bbl. daily capacity mill here which he will operate under the firm name, Bear Creek Mill-

TEXAS

Marshall, Tex.—Frank Davis, pres. of Marshall Mill & Elvtr. Co., is ill of pneumonia at his

Canadian, Tex.—Canadian Co-operative Elevator has installed a one-ton Kelly Duplex Vertical Feed Mixer with motor drive.

Gorman, Tex .- The Perry Feed Mill has in-

stalled a new motor truck scale with a capacity of 44,000 lbs., and 36½ ft. in length.

Dallas, Tex.—William P. Felder, pres. of W. D. Felder & Co. and a member of the Chicago Board of Trade since 1924, died Aug. 29.

Waco, Tex.-One of the huge hay barns at the Clement Grain Co. and all the feed it contained was destroyed by fire Aug. 27, causing damage of about \$5,000.

Hitchland, Tex.—J. S. Logsdon, mgr. of the Hitch Grain Co.'s local elevator, has been notified that the elevator, Federal licensed, has been approved for the granting of loans to farmers storing wheat there and desiring to make them.

Clarendon, Tex.—T. F. Connally, veteran grain man, is slated to be named to the office of mayor, to succeed the present incumbent, who is resigning because of private business. Mr. Connally, a cousin of Senator Tom Connally of Texas, is a former mayor and commissioner of

Amarillo, Tex.-We have in mind to build Amarillo, Tex.—we have in mind to build five elevators here in the next 10 months. The so-called "dust bowl" is now turned into the best winter field acreage. We have about 86,000 bus. of No. 1 red turkey wheat on hand, fine milling wheat.—J. E. Young, mgr., Geological & Agricultural Improvement Co.

UTAH

Vernal, Utah-Vernal Milling Co. recently installed a Sidney Sheller.

Ogden, Utah.—Second District Judge E. E. Pratt has granted permission to the state commissioner to sell the Hylton Flour Mills property to Ray Gibson for \$6,000.

Parowan, Utah.—The local flour mill is ready to receive wheat for grinding and products ground in the spring are in stock for customers. The mill will be operated this fall, it has been decided, altho all plans for financing have not been entirely worked out as yet.

Corinne, Utah.-Mrs. E. M. Tyson of Brigham has bot the Corinne Milling & Elvtr. Co. property and has renovated and remodeled the mill. three large elevators and storehouses, getting the elevators and mill ready for immediate op-eration. Mrs. Tyson has made application for a government bonded warehouse. The output of the mill will be rolled and chopped feeds, with William Tyson and Henry Drewes in charge of operations.

WISCONSIN

Wauzeka, Wis.—The Albert Zeeh store will open a new feed mill.

Wheeler, Wis .- Jake Coheen and Mark Traxler have opened a new feed m'll.

Greenwood, Wis.—O. J. Amundson has taken over the New Richmond Roller Mill Co.

Rosholt, Wis.—M. S. Colrud has installed a one-ton Kelly Duplex Vertical Feed Mixer with

Granton, Wis.—Lightning striking the elevator of W. J. Spry & Sons on Aug. 22 did a small amount of damage.

Abbottsford, Wis.—The Bootzin Co. recently purchased a one-ton Kelly Duplex Vertical Feed Mixer and Kelly Duplex Corn Cutter and Grader.

Superior, Wis.—State Senator Philip E. son of Maple resigned as a member of the Wis-consin Grain & Warehouse Commission, so he might continue his campaign for re-election.

Superior, Wis .- Damage estimated at about \$10,000 was caused by a fire and explosion at Elevator K, in East End, Superior. The building was damaged by fire and the grain was soaked by water.

Loyal, Wis.-Aug. Witt has purchased the interest of Bernard Zuege in the Zuege Elevator. Mr. Witt and Mr. Zuege have been in partner-ship in the elevator for the past three years. The new firm will be known as Aug. Witt &

Superior, Wis.-S. E. West and Arnold Peterson, formerly of the J. L. Ross Feed Co., which has sold its building and equipment, have formed the West & Peterson Feed Co. The new company will continue to produce Ross quality feeds and in addition will supply other branded feeds and seeds along with poultry supplies and

New London, Wis.—The 50 year old grain elevator and long supplies-shed of the New London Farmers Exchange burned Sept. 5 with a loss estimated at \$20,000. The blaze is believed to have started in the elevator from faulty wiring. B. M. Crain, manager of the elevator, reported 3,000 bus. of barley, corn and oats were lost in the fire.

Wausau, Wis.—Leasing of the former wheat, rye and corn units of the Northern Milling Co., rye and corn units of the Northern Milling Co., which have not been in active operation for several years, to the newly organized Quality Milling Co. for conversion into a 1,000-bbl, durum flour mill, will in no way affect the feed manufacturing and distributing activities of the Northern Milling Co., H. H. Humphrey, pres., has announced. The latter company, manufacturer of feed and wholesale shipper and distributor of flour, feed, grain and mixed ingredients. utor of flour, feed, grain and mixed ingredients, and owner and operator of a line of grain elevators and feed stores thruout Wisconsin, will handle part or all of the millfeed output of the Quality Milling Co. North Lowell (Lowell p. o.), Wis.—A new grain elevator, to be operated by William Pasewald & Son, is being built here. A flour and feed warehouse will be added later.

Wausau, Wis .- The Unity Mills Distributing Co., formerly operated by the Pillsbury Flour Mills Co. of Minneapolis, is now Wausau-owned and will hereafter be operated under the firm name of Wausau Flour & Feed Co. The plant is equipped with elevator, corn cracker, feed mixer and grinder. C. Kenneth Metzger, a former resident of Wausau, will be manager.

MILWAUKEE LETTER
Alfred W. Mansfield of Thomson & McKinnon,
Chicago, has been elected to membership in the

The rate of interest for the month of September, 1938, has been determined by the Finance Committee of the Milwaukee Grain & Stock Exchange as 5%.

Sec'y H. A. Plumb, Milwaukee Grain & Stock Exchange, has been spending his vacation with his family in California the past few weeks, and expects to be back at his desk very soon.

The charter and rules of the Milwaukee Grain & Stock Exchange were amended Sept. 1, providing that the Gratuity Fund is to be invested by a Trustee or Trustees appointed by the Board of Directors.

On Aug. 20 Thomson & McKinnon took over the Milwaukee office of Bartlett Frazier Co. Messrs. Linus J. Beck, Palmer Voss and George T. Grede, formerly with Bartlett Frazier Co., are now associated with Thomson & McKinnon on the floor of the Exchange.

Net earnings of the Froedtert Grain & Malting Co., Inc., Milwaukee, in the 12 months ending July 31, totaled \$909,742, an increase from the \$786,870 reported for the year ending Jan. 31, but a decline from the \$1,109,390 reported for the 12 months ending July 31, 1937.

WYOMING

Greybull, Wyo.-The Greybull Elvtr. Co. elevator was damaged by wind during a recent

Cheyenne, Wyo.—A small hayshed and contents, valued at \$2,500 and owned by the Cheyenne Elevator, was destroyed by fire attributed to defective electric wiring Aug. 28. The main buildings of the elevator, 60 ft. distant, were not endangered. R. J. Hofmann is the owner.

Proposed Eastern Rate Reduction Dropped

Capitulating to the wishes of the Ass'n of American Railroads directors, eastern carriers have abandoned their proposed cut of 10c per hundredweight in the all-rail movement of export grain from Chicago to Atlantic Seaboard ports. The reduction, tentatively proposed to have been made effective from Sept. 26 to Dec. 11, to compete with boats on the Great Lakes, would have the eastern rail grain rates by reduced nearly 50%.

Vigorously objecting to the proposed reduction was the Buffalo Corn Exchange, which demanded a proportionate reduction in its own rates to Atlantic ports; and Duluth grain interests were reported to contemplate asking suspension of the reduced rates if they were made effective.

The request of the directors of the Ass'n of American Railroads, delivered a few hours before the announcement of the reduction was to have been filed with the Interstate Commerce Commission, asked that the proposed schedules be held "pending further considera-' and gave as its reason a belief that a cut in rates by eastern lines would disrupt the rate schedules on which export wheat now moves to the Gulf and South Atlantic ports. It was understood that the Ass'n would propose an increase in Gulf rates from midwestern points of 1c per hundredweight,

The United States Maltsters' Ass'n, Chicago, and its 19 member manufacturers are charged in a complaint issued by the Federal Trade Commission with fixing and maintain-

Field Seeds

Walton, Ind.—A new seed warehouse has been completed by the Walton Elevator Co.

Waupaca, Wis.—A new seed store has been opened here by the Central Wisconsin Seed Co.

Jerome, Ida.—The Jerome Seed Co. has installed truck scales on the north side of its building.

Superior, Wis.—A seed and poultry supply store has been opened by Gene West and Arnold Peterson.

Falls City, Neb.—Howard Wilson, of Shenandoah, Ia., is the new manager of the local Earl May seed store.

Bowling Green, Ky.—W. A. Bell, formerly of Hartford, Ky., has engaged in the seed, feed and implement business.

Stonington, Ill.—Frank Garwood Sons Hybrid Corn Co. recently purchased a Howe Heavy Duty Motor Truck Scale.

Davenport, Ia.—Davenport Seed Co. has installed a 20 ton Soweigh heavy duty motor truck scale with 24x10 ft. platform.

Grundy Center, Ia.—W. D. Wilson & Co., who handle farm seeds and operate a greenhouse, have removed to new offices.

Madison, Wis.—About \$60 worth of cash and stamps were lost by the Standard Seed Co. in a recent burglary of its safe.

Grand Ledge, Mich. — The Michigan State Seed Co., Walt Abrams, owner, has installed a Sutton Steele gravity separator.

Bay City, Mich.—A. E. Botimer, who deals largely in field seeds and beans has installed a cleaner and Sutton Steele gravity sep-

Coon Rapids, Ia.—Frank Trucks, seedsman, is recovering from illness that began at the state fair, Des Moines, where he had been an exhibitor.

Boonville, Ind.—Jasper Halleck Thornburgh, 76, for many years engaged in the seed business, died Sept. 8, after a short illness.—W. B. C.

Dallas, Tex.—Nicholson's Seed Store has been incorporated by Mrs. Robert Nicholson, Elsie Nicholson, and A. J. Biggio with \$11,-500 capital stock.

Perry, Ia.—The Fazel Hybrid Corn Co. has installed new machinery to facilitate grading, drying and sacking 1,000 to 1,200 bus. of seed corn daily.

Minonk, Ill.—A new seed cleaner is expected to be installed soon in the new 24 x 36 ft. warehouse addition to the Santa Fe elevator of R. B. Stoddard.

Des Moines, Ia.—Frank Goecke, State Center, Ia., took the sweepstakes ribbons at the Iowa State Fair for the 10 best ears of corn. The championship ears were picked from 65 acres of corn that averaged 85 bushels per acre. Henry Stevens, Scranton, received the award for the highest scoring 30 ears; S. D. McDowell, Rippey, took the prize for the highest scoring peck of shelled corn.

Directory

Grass & Field Seed Dealers

CRAWFORDSVILLE, IND.
Crabbs, Reynolds, Taylor Co., clover, timothy.

GREEN SPRINGS, OHIO
The O & M Seed Co., seed merchants.

PAULDING, O.
Stoller's Seed House, wholesale field seeds.

ST. LOUIS, MO.
Mangelsdorf & Bro., Ed. F., wholesale field seeds.

Evansville, Ind.—Fire, smoke and water, severely damaged seed and feed stocks, and electrical machinery in the plant of the Ohio Valley Seed Co. early Aug. 19.

Gilroy, Cal.—Irwin Chapel, sec'y-treas. of the seed firm of Pieters-Wheeler Co., has resigned to retire to private life. He has disposed of his stock to other stock holders.

Hissville, Mich.—The Alcona Seed Growers Ass'n has installed a new seed cleaner and a Sutton Steele gravity separator. The ass'n was organized by County Agent Casper Blumer.

Shenandoah, Ia.—Raymond H. Sawyer, who has been connected with the City National Bank for 18 years, resigned, effective Sept. 1, to become associated with the Earl May Seed Co.

Cisne, Ill.—The local seed cleaning plant of the Albert Dickinson Co. has been purchased by A. J. Poorman, who will use it for buying and handling redtop seed. Charles B. Hambleton is the local manager.

Ames, Ia.—Two new varieties of oats, both resistant to smut and rust, with high-yielding ability and stiff straw, are to be released to farmers in 1939. These were developed at the Iowa Agricultural Experiment Station at Ames.

Memphis, Tenn.—The Southern Seedsmen's Ass'n will hold its mid-winter meeting here about the middle of December, says Sec'y Frank S. Love. B. E. Nearn, local seedsman, is chairman of the com'ite to make arrangements.

Cambridge, Eng.—A new type of wheat, said to yield 10% more than the best British wheats, has been reported to have been develoded by Prof. F. L. Engledow of the Cambridge Plant Breeding Institute after 10 years of research.

St. Louis, Mo.—Clifford Corneli, chairman of the board, Corneli Seed Co., is on the Republican ticket for presiding judge of the Circuit Court of St. Louis County. He defeated his closest opponent in the primaries by 11,600 to 3,800.

Spokane, Wash.—The new seed processing plant of the Michael-Leonard Seed Co. has been completed and is ready to begin its first season on Spokane Valley seed beans and peas, according to Manager R. W. Schumacher.—F. K. H.

Shenandoah, Ia.—Charles C. Simpson has been appointed field manager of the Henry Field Seed Co. stores in Iowa and Nebraska. Under his supervision will be the company's stores in Des Moines, Iowa Falls, Ft. Dodge, Council Bluffs, and Omaha.

Clinton, Mo.—Leslie Lingle, for 28 years operator of the Lingle Seed & Feed Store, has sold his business to Lingle Grain & Milling Co., of Windsor, operated by his brother, Lewis Lingle. In charge of the local store will be Tom Mansfield.—P. J. P.

Blackfoot, Ida.—The Johnson Seed Co., Inc., has recently completed enlarging and improving its 25x50 ft. plant, adding a full basement, and a 24x32 ft. wing, with freight elevator, and bulk handling leg. New seed cleaning machinery was installed.

Manhattan, Kan.—"Field Day" will be held by the Kansas State College department of agronomy here on Sept. 29 to demonstrate research and development work done with native and tame grasses, and with corn, sorghums, and soybeans. Adaptation of hybrid seed corn to Kansas will be among the important discussions.

Anamosa, Ia.—The National Hybrid Corn Co., lone bidder, bought in the site of the Anamosa Driving Park for \$3,500 at sheriff's sale, and will receive possession Mar. 1, 1939. Included in the sale was a large stock pavilion and a floral hall on the grounds.

Kentland, Ind.—Edward J. Funk & Sons, growers of and dealers in hybrid seed corn, are making elaborate repairs to their seed house and enlarging its capacity to take care of their expansion in business.—Fred K. Sale, sec'y, Indiana Grain Dealers Ass'n.

Evansville, Ind.—Eleven portable seed cleaners have already cleaned 95,000 bus. of wheat in the 13 counties of the lower Wabash Valley, according to C. E. Skiver, wheat specialist from Perdue University. Of the total, 21,800 bus, were treated for stinking smut.—W. B. C.

Condon, Ore.—More than 250,000 lbs. of crested wheat grass seed is in the process of being cleaned at the warehouse of the Condon Grain Growers since installation of cleaning equipment last July 1. More than 300,000 lbs. is expected to be cleaned before the end of summer.

Omaha, Neb.—The Nebraska Grain Improvement Ass'n, thru Sec'y Fred E. Siefer, has announced plans to establish wheat test plots in 21 Nebraska counties this fall, and a master test plot to contain farm samples from each of the other 21, at the agricultural college at Lincoln.

Elmira, N. Y.—The Buckwheat Ass'n, of which P. G. Schumacher is see'y, held its annual convention at the Hotel Langwell here on Sept. 10, opening with a noon luncheon. The meeting attracted buckwheat interest, millers and exporters, from Canada and the United States.

Malvern, Ia.—The Malvern Milling Co. has installed a treater for mixing copper carbonate or Ceresan with seed wheat for the prevention of smut. This is the newest of 21 installations of commercial seed wheat treating equipment to help farmers who want to eliminate smut from their fields.

Greenfield, Ind.—The Hancock County Hybrid Seed Ass'n has been organized to grow and sell hybrid seed corn. Officers elected are Maurice Woodward, pres.; Raymon W. Lantz, sec'y, and Lewis C. Hardin, treas. Thomas W. Hilligross, Vernon, is the fourth member of the organization, which will advertise and sell the production on 29 acres of hybrid seed corn this year.

Omaha, Neb.—Thru the co-operation of elevator managers, county agents, and farmers, we are collecting samples of wheat from 2,100 farmers for planting in test plots. From their appearance it is hard to tell whether some of these samples are rye or wheat, but each is labeled with the name given it by the farmer. Planting of these samples will begin in the western end of Nebraska about Sept. 10, and in the eastern end a little later.—Fred E. Siefer, sec'y, Nebraska Grain Improvement Ass'n.

Winchester, Ind.—The opinion among people who write us is that there will be 20% to 25% less wheat sown this Fall than last Fall. The fertilizer people say that everyone is going to sow fertilizer. This may make up a good deal of the shortage in acreage. It is very rare that you find any farmer who doesn't fertilize. We are having more demand for seed rye than we have had in years. The Government's new rule that they can put 25% of seed rye with seed wheat and escape the penalty of over production of wheat will help a good many farmers to sow wheat, because seed rye is rather scarce in this part of the country; but if they can mix rye with wheat and get by with using that for seed, it will help our rotation. Rotation of crops is what we really need. If we do this, we can build up and retain the fertility of our soil.—Goodrich Brothers Co., P. E. Goodrich, Pres.

Paris, Ill.—The Illinois Cereal Mills has on display a sample of hybrid white corn. Altho hybrid white corns are still in the development stage, the Mills expect general use of them for milling purposes when they become established.—P.

Davenport, Ia.—Northrup, King & Co. has filed suit in the Scott County District Court to obtain a judgment from William Meewes on a \$435.70 account for seed and other merchandise they claim to have furnished between Feb. 20 and Mar. 9.

Jacksonville, Fla.-Snelson Seed Co., of Savannah, Ga., has opened a branch store here under the management of H. R. Bingham, former manager of the Howard Seed Co. of this city. A complete line of field and grass seeds is being stocked.

Olney, Ill.—Two Olney youths, Perry and Elmer Ray, were arrested at Noble recently charged with theft of grass seed which they sold to the Noble seed house for \$105.42. The officer caught them with the check, made out to an alias, Frank Miller.—P. J. P.

Fremont, Neb.—The DeKalb Agricultural Ass'n has started construction of a warehouse and temporary bin drier for hybrid seed corn here, and is expected to follow with construction of a permanent drier and seed corn processing plant during 1939.

Albert Lea, Minn.-L. H. Ehrhardt has completed and now occupies a new hybrid seed corn drying plant just east of the city. The building is of fireproof construction, with 85x36 ft. of floor space. Mr. Ehrhardt raised 100 acres of hybrid seed corn this year which will be dried at the new plant with heat produced by a thermostatically controlled oil furnace, from which heat is forced thru drying bins.

Sikeston, Mo.—The State Patrol has announced arrest of Melvin Fuller, 24, a Sikeston truck driver, in California, where he waived extradition, the third suspect in the thefts of 20 sacks of soybeans and 1500 lbs.

Imports of Forage Plant Seeds

Imports of forage plant seeds during August, and during the two months ended Aug. 31, compared with the like periods a year earlier, as reported by the Buro of Plant Industry, were as follows, in pounds:

Industry, we	ere as ic)110WS, 1	п роини	5.
			July 1 to	July 1 to
Kind	Α.	ıgust	Aug. 31	
	1938	1937	1938	1937
of Seed				
Alfalfa	29,200		30,100	
Brome, smooth	h 2,700	2,000	11,200	3,000
Clover—		0.00		9.00
Alsike	3,050,800	200	0 110 000	300
	3,050,800	716,000	3,116,800	716,000
Red	142,400	18,100	158,900	117,500
White	17,400	153,600	17,400	214,200
Grass, orchard		11,400	137,600	11,500
Rape, winter	152,400	115,500	412,800	115,500
Ryegrass—				w # 0.0
Italian				5,500
Perennial	78,200	70,400	113,800	113,400
Timothy	100		100	
Vetch—				W-1 W 0 0 0
Common		408,000	536,300	515,900
Hairy	1,205,400	1,848,900	2,415,100	3,112,200
Hungarian		66,000		86,000
Bentgrass	1,100	1,800	1,600	1,800
Bluegrass-				
Annual	3,800	*****	3,800	*****
Rough	22,200	1,100	24,400	1,100
Wood	400		400	
Clover.				
suckling	4,900		6,300	
Dogtail,				
crested		2,900		2,900
Fescue-				
Chewings	26,900	200,000	232,300	205,600
Other	22,200	2,200	24,900	8,700
Grass-				
Carnet	12,300	200	12,300	200
Dallis	79,900	23,400	86,600	25,600.
12000110	21,800		21.800	
Rhodes	15,200	1,300	18,200	1,800
Velvet		500	2,300	500
Medick, black	5,600	500	5,600	2,500
Sweetclover-				
White		1,137,000		1,137,300
Yellow		212,400		214,700
Vetch, purple		500		500
Wheatgrass,				
crested		7,300	1,200	7,700

of lespedeza seed from the Buckeye ware-house, and of 3,425 lbs. of soybean and lespedeza seed from the Farmers Grain & Feed Co. last spring. Fuller was implicated by Lyndal Miller, 19, and Lige McGill, 30, who were arrested, and has been sought for five months.—P. J. P.

Iowa Seed Dealers Meet Sept. 15

lowa seedsmen will gather in the Savery hotel, Des Moines, Ia., Sept. 15 for the annual convention of the Iowa Seed Dealers Ass'n, announces Sec'y Henry Kling, Cedar Rapids.

Round table discussions, and the election of officers will take up the morning session. Speakers from the Iowa Agricultural College, Iowa Department of Agriculture, and a guest speaker, Mr. Moore, from the Illinois Division of Plant Industry, will appear at the afternoon

Chiefkan Wheat Not Wanted

The Associated Millers of Kansas Wheat, in cooperation with the Kansas Wheat Improvement Ass'n, is distributing posters suggesting that its members buy Chiefkan wheat only at a heavy discount.

Chiefkan is a beardless selection of Superhard Blackhull wheat which has been distributed to farmers for about three years. While its yield has been good, tests of its baking quality have shown it to be inferior to standard varities.

"Chiefkan is a trouble-breeder between the miller and his bakery customers," the poster said. "Localities where Chiefkan wheat is grown are being checked and members of this association in self protection will refrain from purchasing wheat in these localities.

"It is further proposed by members of this Association not to buy Chiefkan of the 1939 crop except at heavy discounts."

Dr. John H. Parker, Director of the Kansas Wheat Improvement Ass'n, feels that despite the good yields of Chiefkan, wise farmers will not plant Chiefkan seed this fall.

Michigan Seedsmen Elect Coulter

Steps were taken to organize a Michigan Seed Council at the annual fall meeting of the

Seed Council at the annual rail meeting of the Michigan Seed Dealers Ass'n, held in East Lansing, Aug. 24, and presided over by Pres. W. R. Amon.

During the course of the meeting it was pointed out that 28 states now have seed councils, and that these councils play a large councils in formulating seed legislation. It was part in formulating seed legislation. It was proposed that a Michigan council consist of delegates from the Michigan Department of Agriculture, Michigan State Seed Analyst, Michigan State College Extension Service and Divisions of Agronomy and Agriculture, Michigan Seed Dealers Ass'n, Michigan Bean Jobbers Ass'n and Michigan Farm Buro. Voting on the proposal authorized the incoming president to appoint a complife for coming president to appoint a com'ite for organizing a council.

The sale of fertilizer by the city of Grand Rapids direct to consumers at prices which the seed dealers find themselves unable to meet was vigorouslly denounced, resulting in appointment of a com'ite to investigate this

municipal competition.
State Seed Analyst Charles A. Stahl stressed accuracy in laboratory analysis of seeds, in an afternoon address. Prof. H. C. Rather described Michigan grasses and discussed their merits for pasture purposes, illustrating his talk with colored slides.

JAMES POTTINGER, Detroit seedsman, gave other seedsmen the benefit of his studies of the Michigan Unemployment Compensation Act. "The federal government's definition of agricultural labor is used in the Michigan Act for all practical purposes," said Mr. Pottinger. "A significant feature of this definition is that it classifies agricultural labor as labor performed on a farm owned or leased by the employer. Thus picking and milling operations might be agricultural labor if performed on a farm; or industrial labor if performed in a city warehouse, the latter being made subject to the unemployment compensation tax of from 1% to 3%."

ELECTION of officers placed Raymond Coulter, Detroit, pres. for the ensuing year, Harold C. King, Battle Creek, vice-pres., and L. S. Markley, Jackson, sec'y-treas.

Seed Movement in August

Receipts and shipments of seeds at the various markets during August, compared with August, 1937, except where otherwise indicated, were:

Chicago	FLAXSEED												
Chicago Duluth 357,301 112,305 128,276 100,818 Ft. William Minneapolis 1,960,800 1,419,260 220,730 130,600 176,637 96,329 14,892 91,408 EAST Chicago Loss Chicago		Re	ceipts	Shij	Shipments								
Duluth Ft. William 357,301 112,305 128,276 100,818 Rt. William Minneapolis 6,369 3,058 51,742 26,303 Minneapolis 176,637 96,329 14,892 91,408 Superior KAFIR AND MILO 8,764		1938	1937	1938	1937								
Duluth 357,301 112,305 128,276 100,818 ft. William 6,369 3,058 51,742 26,303 Minneapolis 1,960,800 1,419,260 220,730 130,600 Superior KAFIR AND MILO 8,764 10,488 91,408 Galveston KAFIR AND MILO 8,764 10,600 11,600 10,600	Chicago	80.000	54,000	37,000	43,000								
Minneapolis Superior 1,960,800 1,419,260 14,892 91,408 220,730 130,600 91,408 Superior 176,637 96,329 14,892 91,408 14,892 91,408 Galveston Houston Hutchinson Kansas City School SorgHums Ft. Worth New Orleans 6,000 32,200 38,400 36,000 500 38,400 36,000 61,500 Ft. Worth New Orleans 25,500 39,000 60,000 61,500 500 61,500 500 Milwaukee, lbs. Chicago, lbs. 2,166,000 2,804,000 61,500 Milwaukee, lbs. 955,065 675,480 500 Milwaukee, lbs. 955,065 675,480 500 16,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000 141,000 55,000 161,000	Duluth			128,276	100,818								
Minneapolis 1,960,800 1,419,280 220,730 130,600 Superior 176,637 96,329 14,892 91,408 KAFIR AND MILO Galveston 8,764 Houston 42,857 Hutchinson 6,000 Kansas City 26,600 32,200 38,400 36,000 SORGHUMS S5,500 39,000 60,000 61,500 New Orleans 1,500 Milwaukee, lbs. 31,000 49,000 49,000 47,000 Chicago, lbs. 2,166,000 2,804,000 672,000 1,243,000 Milwaukee, lbs. 955,065 675,480 672,000 1,243,000 Milwaukee, lbs. 500 16,000 141,000 55,000 Indianapolis 1,410 55,000	Ft. William	6.369	3,058	51,742	26,303								
Superior 176,637 96,329 14,892 91,408 KAFIR AND MILO KAFIR AND MILO 8,764 Houston 6,000 42,857 Hutchinson 6,000 32,200 38,400 36,000 Kansas City 26,600 32,200 38,400 36,000 SORGHUMS 25,500 39,000 60,000 61,500 New Orleans CLOVER 31,000 Chicago, Ibs. 2,166,000 109,000 49,000 47,000 TIMOTHY Chicago, Ibs. 2,166,000 2,804,000 672,000 1,243,000 Milwaukee, Ibs. 955,065 675,480 Chicago SOYBEANS Chicago 14,000 55,000 Indianapolis 1,400 55,000	Minneapolis	1,960,800	1,419,260	220,730	130,600								
Calveston				14,892	91,408								
Houston Hutchinson Kansas City SORGHUMS Ft. Worth New Orleans CLOVER Milwaukee, lbs. Chicago, lbs. 2,166,000 2,804,000 Milwaukee, lbs. 955,065 675,480 Chicago													
Houston	Galveston			8,764									
Hutchinson 6,000 32,200 38,400 36,000 SORGHUMS Ft. Worth 25,500 39,000 60,000 61,500 New Orleans 1,500 31,000 Chicago, lbs. 49,000 109,000 49,000 47,000 Milwaukee, lbs. 2,166,000 2,804,000 Milwaukee, lbs. 55,065 675,480 SOYBEANS Chicago 260,000 16,000 140,000 55,000 Indianapolis 1,400 55,000	Houston			42,857									
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Ft. Worth New Orleans 1.500 39,000 60,000 61,500 New Orleans 1.500 CLOVER Milwaukee, lbs. Chicago, lbs. 2,166,000 2,804,000 Milwaukee, lbs. 955,065 675,480 SOYBEANS Chicago 260,000 16,000 141,000 55,000 Indianapolis 1,400	Kansas City	26.600	32,200	38,400	36,000								
New Orleans 1,500	· ·	SOR	GHUMS										
CLOVER 31,000 Chicago, lbs. 49,000 109,000 49,000 47,000 TIMOTHY Chicago, lbs. 2,166,000 2,804,000 Milwaukee, lbs. 955,065 675,480 Chicago 260,000 16,000 Indianapolis 1,400 55,000	Ft. Worth	25,500	39,000	60,000	61,500								
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TIMOTHY Chicago, lbs. 2,166,000 2,804,000 Milwaukee, lbs. 955,065 675,480 SOYBEANS Chicago 260,000 16,000 141,000 55,000 Indianapolis 1,400	Milwaukee, lb	S	31,000										
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Milwaukee, lbs. 955,065 675,480 SOYBEANS Chicago 260,000 16,000 141,000 55,000 Indianapolis 1,400	Chicago, lbs.	2.166.000	2.804.000	672,000	1.243.000								
SOYBEANS Chicago 260,000 16,000 141,000 55,000 Indianapolis 1,400													
Chicago 260,000 16,000 141,000 55,000 Indianapolis 1,400													
Indianapolis 1,400 Toledo 1,400	Chicago			141,000	55,000								
Toledo 1,400	Indianapolis		1,400										
		1,400											

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Feedstuffs

Elevator dust prices have dropped recently \$3 per ton, to \$3.50.

Asheville, N. C.—The Southern Mixed Feed Manufacturers Ass'n will hold its annual meeting Sept. 29 and 30 in the Grove Park Inn. A good program is being worked out by E. P. MacNicol, sec'y, of Memphis, Tenn

Buffalo, N. Y.—Excellent pasturage in the eastern marketing territory, and abundant feed and grain crops have reduced operation of Buffalo feed mills, capable of producing 4,200 to 4,800 tons of feedstuffs daily, to 60 per cent of capacity.—T.

Dodge City, Kan.—Some states prohibit the use of the sharp, vicious, fish-hook type of metal tag fasteners on feed bags. Kansas has no such law, but believe that their use, if unpopular, could be discontinued through an enducational campaign rather than through legislation.—J. F. Moyer, sec'y, Kansas Grain, Feed & Seed Dealers Ass'n.

The supply of feed grains per grain consuming animal, will probably be slightly larger than that of a year ago, after allowing for some increase in livestock numbers during 1938. Assuming that the increase in livestock numbers will be around 5 per cent, supplies per animal will be larger than in any of the past 12 years, and will exceed the fairly large supplies per animal in the period 1928-32 by about 12 per cent.—U. S. D. A.

Washington, D. C.—The 4-5-6 Co., Highland, Ill., selling 4-5-6 Mineral Mix, for livestock, has agreed with the Federal Trade

Feed Prices

The following table shows the closing bid price each week for December futures of standard bran and gray shorts, spot cottonseed meal, soybean meal and No. 1 fine ground alfalfa meal, in dollars per ton and No. 2 yellow corn and No. 2 yellow soybeans in cents per bushel:

per	Dublici	•	
Minnea Bran July 2. 15.50 July 9. 14.50 July 16. 16.00 July 22. 15.00 July 30. 14.50 Aug. 6. 14.25 Aug. 13. 13.50 Aug. 27. 12.50 Sept. 10. 12.75 Sept. 3. 13.00	apolis Midds 18.50 18.00 19.00 16.50 15.00 13.50 13.75 12.50 13.50	Kansa Bran 13.00 13.75 13.90 13.50 12.90 12.50 12.40 12.65 12.00 12.50	S City Shorts 14.75 15.25 15.50 15.75 14.20 13.75 14.20 13.75 14.20 13.75 14.75
St. L Bran July 2	Shorts 17.00 17.00 17.60 18.10 17.00 16.50 16.10 15.90 16.15 16.10 16.80	Chica Soybeans 93 901/8 93 94 90 89 84 84 84 1/2 81 84 81 1/2	
Ft. Worth 1 Cottonseed July 2 24.50 July 16 24.50 July 23 25.50 July 30 25.50 Aug. 6 25.50 Aug. 13 25.00 Aug. 20 25.00 Aug. 27 24.50 Sept. 3 23.50 * St. Louis bran, basi St. Louis delivery.	Meal 22.50 23.00 23.50 23.75 23.35 21.75 21.10 20.60 20.50 21.09	Alfalfa 19.00 18.00 18.00 18.00 18.00 18.00 18.00 18.00 18.00 18.00	Chicago Corn 59 59 34 59 34 58 34 53 34 54 14 55 51 14 53 34 7; Shorts

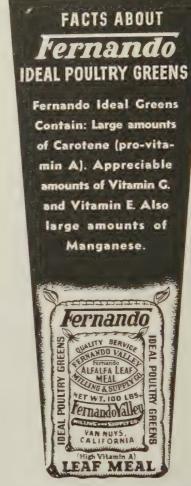
Commission to cease advertising that the feed will act as a preventive of any of the common diseases of livestock, poultry or other animals, or that when used to culture grain or feeds, it will enhance the assimilation of such feeds and increase the availability of animal or vegetable proteins. The company will cease also to represent that the yeast in its feed will make livestock or other animals healthier, increase red corpuscles or help to clean the intestinal tract.

help to clean the intestinal tract.

Lexington, Ky.—About 40 feed manufacturers registered Aug. 23 for the 2-day feed nutrition school conducted by the University of Kentucky. R. M. Field, Chicago, president of the American Feed Mfrs. Ass'n, spoke at the banquet Aug. 23. The speakers at the school were Prof. Fordyce Ely, George Harris, Dr. W. P. Garrigus and Dr. A. T. Ringrose of the college and Experiment Station. A. T. Whiting, Louisville; Roscoe Howe, Mayfield; J. D. Turner, director of the feed control service of the Experiment Station, and Dr. F. E. Hull and Professor Ely. Dr. G. Davis Buckner, director of nutrition research at the Experiment Station, presided.

In experiments by Wisconsin professors and described before the American Society of Animal Production with dry-lot rations composed of corn, soybean oil meal, ground alfalfa hay and iodized salt, an addition of 1.25 per cent of high calcium limestone gave as good gains in weight, feed economy and nearly as good calcification of bones as did 1.5-2.0 per cent of limestone. A calcium and phosphorous ratio of less than 2.1 gave better results than higher ratios. Addition of 1.5 per cent bone meal gave beneficial results, not only in soybean oil meal rations but in rations that were balanced with linseed meal and wheat middlings, feeds that are relatively high in phosphorus. Bone meal gave a higher ash content of ribs, altho the calcium content of the ration was

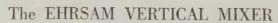
lower than in most of the rations containing ground limestone. Pigs that were self-fed a mixture of corn, ground alfalfa hay and salt ate sufficient amounts of ground limestone, or ground limestone and bone meal, when they had free access to these minerals



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Mutual Millers Change Meeting

The Mutual Millers & Feed Dealers Ass'n held its semi-annual convention at Jamestown, N. Y., Sept. 8-9, instead of at Toronto, as originally intended, Pres. Howard Schamel announcing a last minute change in plans.

Ordinary convention programs were reversed at the Jamestown meeting, a golf tournament taking up the daylight hours and the business meeting being held in the evening of the first day.

The second business session was held in the cabin of a steamer cruising up Lake Chautauqua, which returned delegates to Jamestown in time for the annual banquet.

Control of truck traffic in feeds was the major subject for open discussion at the business sessions.

business sessions.

Old officers were reelected in the business session on the steamer. They are Howard Schamel, East Concord, N. Y., pres.; J. W. Johnson, Albion, Pa., vice-pres., and Lewis Abbott, Hamburg, N. Y., sec'y-treas.

Dry Skim Milk Production Increases

Dry skim milk production jumped to 12% over a year ago in July of this year, according to Aug. 1 reports by 114 manufacturers ing to Aug. 1 reports by 114 manufacturers to the Buro of Agricultural Economics. Sales were slightly below July of last year, with delivery of 38,111,000 lbs. to purchasers, of which 6,080,000 lbs. were taken by the Federal Surplus Commodities Corp. for relief purposes. This compared with sales of 39,099,000 lbs. in July of last year, of which 7,631,000 moved to the FSCC. On Aug. 1 approximately 1,689,000 lbs. of dry skim milk remained to be delivered on order of the government's buying agency.

of the government's buying agency. Stocks of dry skim milk in manufacturers' hands on Aug. 1 mounted to 59,649,000 lbs.

hands on Aug. I mounted to 59,649,000 lbs., the largest reported for any date, and equal to a 63 days' supply, based on average daily requirements last year.

The FSCC. Sept. 2 bought 142 carloads of spray skim milk powder thru the dry skim milk com'ite for \$282,498, at the rate of an average \$4.47 per 100 lbs. It is the equivalent of 30,925,000 quarts of skim milk.

Scabby Grain Not Good for Pigs

Wheat and barley affected with scab are Wheat and barley affected with scab are not good for pigs, warns Dr. J. J. Christenson, plant disease specialist at University Farm, St. Paul. If fed in sufficient quantities, scabby grain may cause pigs to become sick and fail to make normal gains.

A survey indicates that barley is scabby in localized areas of southern Minnesota, and that wheat is more seriously affected than barley. Scab is caused by a fungus known as Fusarium. Since there was considerable

Fusarium. Since there was considerable lodging of grain this year, much of the discoloration noted may not be due to Fusarium, but to other organisms which are harm-

However, if barley or wheat has toxic blight (scab) it should be tested on a few pigs before feeding it to the entire herd. If pigs readily cat normal amounts, it is probably safe to conclude that the barley is wholesome. But if the trial pigs refuse to eat the grain or eat only sparingly, and par-ticularly if afterwards they show signs of sickness, the grain is likely toxic. Experiments have revealed that the more shriveled

kernels are the more toxic.

A practical and safe method of feeding cabby grain to pigs is to mix it with other non-infected grain so that not more than 5 per cent by weight of the resulting mixture will consist of scabby kernels.

By-Product of Dairy Finds Good

By JOHN E. HUBEL

What is considered a good side line for a dairy company was added by the Wet Yeast Mill Brew Co., Milwaukee, a subsidiary of the Sunshine Dairy Company of that city. Started as an experiment, it bids fair to out-

strip the parent company

Started as a small department of the dairy a few years ago, by-products of the milk di vision were prepared for sale as animal and poultry feed, mainly made of dry brewer's yeast, skimmed milk and other ingredients. This worked out so well that the firm decided to incorporate a separate company in June, 1936, to take care of the increasing business of the new department, putting it on its own. In 1936, the feed business of the new company amounted to about \$50,000. Now the volume of business is about three times as great and

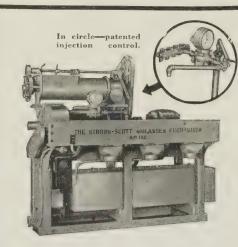
Selling the product to mixers of animal and poultry feed and through brokers, the business of the subsidiary of the dairy company grew in such proportions that new and larger quarters had to be found for the feed division, instead of housing it in the same building with the parent firm, the Sunshine Dairy Co.

Atlantic City Gets Pennsylvania Feed Men

The 61st annual convention of the Pennsylvania Millers & Feed Dealers Ass'n has been scheduled for the Ritz-Carlton hotel, Atlantic City, N. J., Sept. 29-Oct. 1.

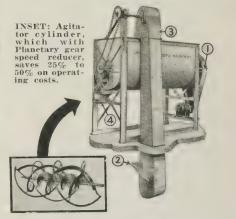
Included on a well prepared program in addition to the election of officers and affairs of the ass'n, are a grain grading school, a study of grain drying, and pertinent dis-cussions of problems in dairy and poultry feed mixing, and the 44-hour law.

Reduce operating costs—Increase efficiency with Equipment by STRONG-SCOTT



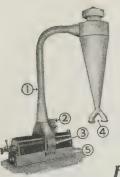
Molasses Feed Mixer

Makes lumpless, golden brown molasses feed. A patented process of molasses injection under metered control, not to be found in other mixers, assures highest prices for feed mixed by the Strong-Scott Unit Molasses Feed Mixer.



Triple Action Dry Feed Mixer

A complete unit operated by one man Saves 25% to 50% in operating costs. 1. Combination V-Belt and Planetary gear drive cuts power costs. 2. Loading spout position optional. 3. Elevator leg—either side. 4. Handy sacking spout and



Pneumatic Attrition Mill

Eliminates Fire and Explosion Hazards. Feed is elevated through piping (1) by air and with no power required in addition to the grinding motors. Feeder (2) is non-choking and adjustable. Removable cover (3) gives easy access to grinding plates. Feed reaches sack or bin (4) thoroughly aerated and cool. Heavy base (5) and sturdy construction throughout mean long life. Write for price.

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Minneapolis Minn. Great Falls Mont. Minneapolis Minn

Poultry Feeds and Feeding

Waterloo, Ia.—The 18th annual American Poultry Congress will be held here Sept. 26-Oct. 2.

San Francisco, Cal.—F. E. Booth Co., Inc., has agreed with the Federal Trade Commission to stop advertising that Sardilene in feed develops a superior and more uniform growth of baby chicks and broilers, increases egg production, and improves the quality of eggs and the general health of the flock. The company has agreed also to cease advertising that comparative tests have proved that Sardilene is a better source of vitamin A than the average natural or fortified cod liver oil and is at least equally as potent as the so-called medicinal cod liver oil used in poultry feeding.

Leaf Meals in Chick Rations

The Kentucky Station in Circular No. 48 describes a series of chick feeding trials in which leaf meals of alfalfa, Korean lespedeza and lespedeza sericea, each separately and in combination, were used to replace certain ingredients in an all-mash ration.

The results indicated that the three leaf

meals were of approximately equal value, and that these meals, with a suitable quantity of starch, could replace mixed wheat feed on the basis of equal quantities of protein in the chick growing ration. Retarded growth resulted when the leaf meals re-placed both wheat feed and either dried skim milk or meat scrap on the basis of equal quantities of protein.

Better growth resulted when the leaf meals

replaced meat scrap than when they replaced dried skim milk in the basal ration.

Menhaden Fish Oil for Growing Chicks

Two series of experiments by the North Carolina Agricultural Experiment Station show that ½ or 1 per cent of commercial menhaden fish oil of good quality furnished adequate vitamin D for the normal development of the skeleton and growth of chicks. The evidence consisted of results obtained in feeding and similar amounts of tested cod liver oil for comparison, the use of a negative control lot which developed rickets and also a positive control lot for normal calcification and growth by the use of the College poultry starting chick mash. The evidence supporting this consist of weekly and total gains in body weight of the chicks and the extent of calcification as shown by staining section of the proximal end of the tibia with silver nitrate and by the determination of the total ash and calcium in the tibia as representative of skeletal development.

One-fourth of one per cent of menhaden oil in the ration was inadequate in vitamin D content while a similar amount of cod liver oil produced normal calcification. These results were confirmed by conduct-

ing parallel tests under conditions more in accord with poultry practice in that a larger number of chicks under a confinement system of brooding were used. The test showed that I per cent of commercial menhaden oil of good quality produced adequate growth and calcification equal to that produced by a similar amount of tested cod liver oil when using the College starting chick mash ration with the usual reinforced cod liver oil omitted. The 29.9 per cent of yellow corn in this ration supplied the chief amount of withmin A which was apple for growth.

vitamin A which was ample for growth.

These series of experiments using menhaden oil manufactured during three seasons, show that 1 per cent of oil in a chick

mash should supply ample vitamin D for the prevention of rickets in chicks if an oil of good quality is used, such as is made from fresh fish.

Grit and Digestion of Grain

To study the influence of grit on the digestion of grain in poultry, four Leghorn pullets were used that had been raised in a

battery and without grit.

The experimental food used consisted of whole barley. The experiments to determine digestion of food constituents were performed first without grit and afterwards with the use of flint grit.

The coefficients of digestibility for crude protein and for nitrogen-free extracts as well as for the total organic matter were equal in the birds with and those without grit, and equalled the results obtained in former experiments at this institute with barley and

No result of giving flintgrit was seen on the digestibility of barley in poultry, according to E. Mangold and A. Hock in the Archiv fur Geflugelkunde,

Poultry Feeding Tests

The results of three poultry feeding tests, each employing 50 pullets per experimental pen and extending over a period of twelve months, are reported by the Central Re-search Farm at Werribee, Victoria.

A comparison of protein concentrates when a dry mash and mixed grain were fed showed that highest egg production and highest profit over feed cost resulted from 10 per cent of dried buttermilk in the mash, followed in order by 10 per cent of meat meal, 10 per cent of dried buttermilk plus 3 per cent of dried whey, and 10 per cent of meat meal plus 3 per cent of dried whey. However, when three pens were offered free choice of meals and grains the pen receiving meat meal only as a protein concentrate excelled in egg production and in profit over feed cost, followed in order by the pen receiving meat meal and dried whey and the one re-ceiving only dried buttermilk. In the third trial the feeding of a wet mash containing 10 per cent of meat meal with mixed dried grain fed in the litter gave a higher profit over feed costs than when soaked grains were fed twice daily with the birds having free access to protein concentrate. The latter method resulted in an excessively high consumption of the concentrate

Assembly Line Methods for Poultry Production

Modern factory assembly line methods have been adopted for poultry production at the Coble E. Grimes plant at Fredericksburg, Pa., where a million chickens are raised, fattened, dressed and packed in iced barrels annually for 23 city markets in the East. Deliveries of dressed 25 city markets in the East. Deliveries of dressed poultry and eggs are made by six 1½ ton trucks in seven states. The markets include Washington, New York City, Brooklyn, Newark, Jersey City, Long Island, and other points.

The Grimes plant began 18 years ago, when Mr. Grimes started a chicken business in a one-story weatherboard shack. He purchased one-story weatherboard shack. He purchased a small truck, rigged up a canopy body, and began selling dressed chickens at a stand at the Reading, Pa., market, 30 miles from Fredericksburg. Now the plant includes more than 15 buildings; employs 92 persons.

The production cycle moves systematically, From 5,000 to 10,000 day-old chicks are brought in weekly from Connecticut. From 18,000 to

in weekly from Connecticut. From 18,000 to

20,000 more chickens are purchased each week from nearby farmers. Thus a constant supply of birds—an average of 25,000 a week—is always ready for market. On one record day 6,000 chickens were slaughtered, dressed, and packed—an average of 600 an hour.

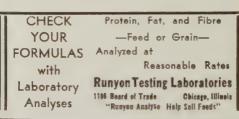
Turkey raising has been developed by Mr. Grimes on the same mass production basis, with an annual output of 20,000. Mr. Grimes also has a sizable dairy business on his near-by farm. Waste from these enterprises is fed to

lowa Refunding Portable Mill Licenses

Portable mills are classed as "portable equipment" under the interpretation placed on Iowa's motor vehicle law by the state's motor vehicle department, says Marion S. George, county treasurer at Washington, Ia. Accordingly, portable mills do not require a vehicle

Mr. George says portable mill operators who have licenses should take their plates and registration certificates to the treasurer's office and apply for a refund.

The potato marketing agreement referendum resulted in New Jersey 249 against, 70 in favor; in Nebraska 882 against, 161 in favor. For the third time the A. A. A. has lost in its efforts to control potato marketing. Evidently the potato growers prefer to run their own business. run their own business.





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coveries in poultry raising made in recent years.

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Vitamin A Supplements

By Dr. W. L. Brown of Georgia Exp. Sta., at Feed Manufacturers' Nutritional School, Athens, Ga.

Vitamin A as such is found only in animal products such as the liver, butter fat, egg yolks, etc. However, the pro-vitamin A substances are found very widely distributed. They are found in certain yellow, green and some red fruit and vegetable products. White plant products are either devoid or contain very little of these compounds.

The principal animal products that may be used in poultry feeds to supply vitamin A are cod liver oil, sardine oil, fish meal and a few additional products. As in the plant sources, these also vary greatly in their content of vitamin A. In addition to vitamin A, these sources supply vitamin D also.

The plant products most interesting to the poultryman and feed manufacturer from the vitamin A standpoint are alfalfa grass velocities.

The plant products most interesting to the poultryman and feed manufacturer from the vitamin A standpoint are alfalfa, grass, yellow corn and a few other products. The feed manufacturer is interested mostly in those which are dried and can be mixed in a feed. At present, about the only plant products used in mixed poultry feeds to supply vitamin A are the various alfalfa products and yellow corn.

Yellow corn. Yellow corn is relatively low in vitamin A, containing only 5 to 7 International units per gram when fresh, but due to the fact that a fairly high proportion of the feed is corn, it supplies a fair amount of vitamin A.

Alfalfa products contain anywhere from negligible quantities to several hundred International units of vitamin A per gram for the best grades of dehydrated leaf meal, immediately after drying. Carotene is sometimes extracted from carrots or other plant material and dissolved in oil or other fatty substances. This can be mixed into the feed in much the same manner as cod liver oil.

In order to prevent the appearance of vitamin A deficiency in chicks for the first eight weeks, it has been found necessary that the ration contain the equivalent of at least 50 to 100 micrograms of carotene per 100 grams of feed. Probably 100 International units of vitamin A is about the lower limit.

Growing pullets require at least 250 International units of vitamin A per 100 grams of feed. For good health and maintenance of good egg production, a minimum of 430 units per 100 grams of feed seems to be required. In another case, it was found that increasing the vitamin A content above 485 units per 100 grams of feed did not improve egg production and hatchability, and did not reduce the mortality of the chick during the first two weeks of life.

Turkeys have a much higher requirement of vitamin A than chickens. Experiments have shown that they require at least twice as much as chickens.

Instability of Vitamin A.—A very important point to consider is the stability, or rather, instability, of vitamin A. Apparently vitamin A is the only vitamin which is lost to any extent after having been added to the poultry feeds. This characteristic is of very great importance. It has been found that when cod liver oil is mixed in feeds, the vitamin A activity of the oil is lost very rapidly, all being destroyed in four weeks or less when stored at ordinary temperatures. While vitamin A is lost, this is not true of vitamin D. Under the same conditions, vitamin D is very stable. The carotenes are relatively unstable also, but are much more stable than the preformed vitamin A as mixed in the feeds. For this reason, unless the fish liver oil is mixed into the feed shortly before using, only the plant products should be depended upon to supply vitamin A.

The alfalfa leaves contain much more

carotene than the stems. The age at which alfalfa is cut is of some importance, since it has been found that the vitamin A content of alfalfa 10-12 inches high is much greater than that of alfalfa in the bloom stage. The loss of carotene in dried alfalfa depends primarily upon exposure to light and storage temperature. Losses in summer months are very much higher than during the winter. If alfalfa could be stored at freezing temperature, storage losses would be stopped almost entirely. Losses at temperatures prevailing during the summer may be as high as 30 to 50 per cent in 8 weeks' time. After 3 or 4 months dehydrated meals may be significantly lower in carotene than freshly prepared sun-dried meal, carefully cured under favorable conditions.

Feed dealers should buy their alfalfa products on the basis of carotene content. Two meals may look exactly alike, both having a nice green color, and yet one be very low in carotene, while the other may be rich in carotene. The carotene content of an alfalfa meal one month is no guarantee of its value the next. Since the vitamin A content of the mixed feed is so hard to preserve, it becomes necessary to add it in excess to the feed in order to insure having sufficient present at the time of feeding. Merchants should buy mixed feeds in such quantities as to keep them moving and keep fresh supplies coming in. The feed manufacturer should keep his feeds moving. He should know the value of the supplements that he uses. It would be relatively simple to add the determination of carotene to the feed analysis.

Discover Calves Gain on Cheaper Nitrogen

Ammonium bicarbonate and urea are salts supposed to be of no value in stock feed, yet calves did gain on them 105 and 110 pounds in 14 weeks when fed at the University of Wisconsin.

The work was done by Professor E. B. Hart, H. J. Deobald and Dr. G. Bohstedt. They used four male calves. One of the animals was kept on a low-protein ration, as a control. Another was used as a second control, receiving a conventional ration of milk protein in addition to the low-protein ration. The other two received supplementary diets of simple nitrogen salts; the first getting ammonium bicarbonate and the second urea. This was intermediate between the small gain (65 pounds) shown by the low-protein calf and the high gain of 126 pounds by the calf receiving the milk protein.

What caused this gain is a physiological riddle for which the three experimenters do not at present venture an answer. It may possibly be that bacteria in one part of the calf's multiple stomach transformed the simple compounds into more complex ones, digestible by the animal. Then when the bacteria passed on into another section of the stomach, digestion may have occurred in the ordinary way. But this explanation is as yet only conjectural.

It will be necessary to carry on more extensive feeding trials before the full economic possibilities can be developed. It may eventually be found practical to use such relatively simple nitrogen compounds

as ammonium bicarbonate and urea to replace part of the higher-priced protein supplements in present-day stock rations.

Mineral Feed Men to Meet

Members of the Mineral Feed Manufacturers Ass'n will hold their annual convention Sept. 16 at the Olympia Fields Country Club, just south of Chicago.

A morning session will be devoted to business affairs of the ass'n, and the facilities of the country club will be available to golf enthusiasts among the members in the afternoon.

Hay Movement in August

Receipts and shipments of hay at the various markets during August, compared with August, 1937, in tons, were:

	Rec	eipts	Shipments			
	1938	1937	1938	1937		
Boston	341	220				
Chicago	639	1,509		38		
Ft. Worth		22				
Kansas City	3,360	8,496	552	1,668		
Minneapolis	34	214	24			
Peoria			100	10		





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Dried Skimmed Milk for Pigs

By W. L. Robison, Ohio Agri. Exp. Station

A series of experiments in which different amounts of dried skimmed milk were included in rations of corn, tankage, linseed meal, ground alfalfa, and minerals was carried on in co-operation with the American Dried Milk Institute

The pigs for the experiments were purchased. A few of them were well bred. Most of the others were grades but were of unknown strains or families. On the belief that the milk would show a higher value for young than for older ones, pigs of light weight were secured and were placed on feed as soon after being immunized against cholera as possible. Small pigs do not gain as rapidly as heavier ones.

when dried skimmed milk was added, the tankage and linseed meal were reduced so that the total amounts of protein in the various rations were approximately the same. When the pigs averaged from 100 to 125 pounds in weight the protein content of the rations was lowered by decreasing the protein concentrates and increasing the percentage of corn in the rations.

Liberal Quantity More Efficient But Less Economical.—At the low level the dried skimmed milk made up approximately 1 per cent of the total feed, or 5 per cent of the supplement. The amount fed was equivalent to approximately ½ pound of liquid skimmed milk daily a head during the growing period and ½ pound daily a head during the fattening period. At the higher level the dried milk averaged 4.3 per cent of the total feed and 22.9 per cent of the supplement. This amount was the equivalent of approximately 1.5 pounds of liquid milk daily a head during the growing period and of approximately 2.5 pounds during the fattening period.

Adding dried skimmed milk did not increase the daily feed consumption but did increase the gains produced per unit of feed consumed, particularly during the growing period, or when the pigs were young. It also increased the rapidity of the gains during the growing period. During the fattening period, however, the pigs without the dried milk showed a tendency to make up for their slower gains during the growing period. Consequently, the average rates of gain of the pigs fed no milk and of those fed dried milk at the lower level were practically the same. The pigs fed dried milk at the higher level were ready for market 7 days earlier on the average than those fed no milk.

At the prices used, the other feed saved per unit of gain by the dried milk gave it values, when it was fed at the higher level, of 4.5 and 2.3 cents a pound during the growing and during the fattening periods, respectively. Its average value for the entire time was 3.3 cents a pound. When fed at the lower level the dried milk was worth 7.7 and 4.3 cents a pound during the growing and the fattening periods, respectively. For the entire time its average worth was 5.9 cents a pound.

Maximum Benefit Is for Young Pigs.—In three of the four tests one group of pigs was fed dried skimmed milk at an intermediate rate of 2.7 per cent of the total feed or 13.4 per cent of the supplement during the growing period but no dried milk during the fattening period. This quantity, for the time it was fed, was the equivalent of approximately 0.8 pound of liquid milk daily a head. The total amount of dried milk given the group was approximately the same as that fed the group given dried milk at the low level for the entire time.

A value somewhat higher than the average of the four tests was obtained for the dried milk, at the same level, in the three tests. Considering only the growing period,

dried milk produced faster gains and greater gains per unit of feed but showed a slightly lower replacement value a pound at the intermediate than at the low level. There appeared to be some "carry-over" effect into the fattening period. Therefore, for the entire time, the benefit from feeding the dried milk more liberally while the pigs were young and none later was greater than was that from feeding an equal quantity but using a smaller percentage at first and continuing its use through the later period as well. A 16.7 per cent greater value was obtained for the dried milk by the first than by the second plan.

Computed on a basis of the data for the four tests, the value of the dried milk when used only while the pigs were young was 6.9 cents a pound, as compared with the values of 5.9 cents and 3.3 cents a pound obtained for it when it was fed for the entire time at the low and higher levels,

At any of the rates at which it was fed, dried skimmed milk showed a higher value per pound of protein contained than tankage. It did not pay to feed the dried milk to young pigs at the relatively high level of 24 per cent of the supplement. Nor, at the levels tried and at a price exceeding 5.4 cents a pound, did it pay to use the dried milk during the latter part of the feeding period. At prevalent prices, including from 5 to 12 per cent of dried skimmed milk in a supplement of tankage, linseed meal, ground alfalfa, minerals, and cod-liver oil for young pigs having no pasture was economical.

Castor Meal Poisoning

By H. R. BICKNELL and W. L. HUNTER, SR., Chemists of the California Dept. of Agriculture

In California, there have been two or three cases of livestock deaths which may have been due to castor oil meal poisoning. These have never been directly traced to such a cause, but we mention them here because the claims may have had some merit. If the fatalities were due to castor poisoning, the source is limited to two possibilities.

No manufacturer, because of ignorance of the toxicity of castor oil meal, would possibly have added it to his products; its qualities are too well known. There are several dealers in oil cake meals who cater to both the feed and the fertilizer trade. They have castor seed in their stocks and it may have been stored immediately adjacent to another oil cake meal which was destined to the feed trade. In such a case, there is the possibility of getting a sack of the poisonous material into a lot of edible meal. All warehouses have been cautioned against such storage practices.

Also, there is imported on the Pacific Coast cotton seed meal denatured with 5 per cent castor oil meal to be used as a fertilizer. This material has carried the standard feed analysis but with a statement that it is "NOT SUITABLE FOR FEEDING." This statement, we feel, is not ample protection to the feeder since it has been printed in the same size and color of type as the name of the material. A more promiment statement would possibly emphasize the hazard, but we are of the opinion that the edition of some other

Feedstuffs Movement in August

Receipts and shipments of feedstuffs at the various markets during August, compared with August, 1937, in tons, were:

	Rece	eipts	Shipi	nents
	1938	1937	1938	1937
*Baltimore	3,841	3,635		
*Boston	653	680		62
*Chicago	12,731	5,474	37.631	28.484
Kan. City	6,400	6,175	31,100	25,925
*Milwaukee	248	585	5,770	1,735
*Minneapolis	1,610	1,843	22.821	23,881
*Peoria	9,740	8,720	8,300	9,391
*Millfeed.			,	0,001

material which would impart a disagreeable odor is necessary in order to supply complete protection. We have discussed this matter with the proper Federal authorities and they will co-operate with us.

Ground Wheat Makes Good Dairy Feed

Because wheat is selling at relatively low prices compared with other grains of high feeding value, the New York College of Agriculture at Cornell University, thru W. T. Crandall of its extension feed service, suggests to dairymen the following grain mixtures containing wheat:

		With mixe	ed
			With
		least 1/3	Alfalfa
	Wit	h Clover	or
		hy or	Clover
	Hay		
	Lbs.	Lbs.	Lbs.
Ground wheat	600	600	600
Ground oats or barley &			
oats	300	500	700
Wheat bran	200	200	300
Corn gluten feed	300	300	300
*Brewers' dried grains or			
distillers' dried grains	200	200	
Soybean oil meal (ex-			
peller or hydraulic		000	100
process)	. 400	200	100
	2 000	2 000	2 000

*Use the dried grains furnishing the lowest cost nutrients. To get the cost of 100 pounds of nutrients divide the cost of one ton of brewers' dried grains by 13 and the cost of one ton of corn distillers dried grains by 17. For this comparison the distillers' grains should be guaranteed to contain at least 8 per cent fat. If neither of these feeds is easily available corn gluten feed may be substituted.

Ground wheat, says Mr. Crandall, may be used with good results in a grain mixture for milking dairy cows if the complete mixture is properly balanced. Wheat is about equal to corn and barley in feeding value for dairy cows, altho somewhat higher in protein. Wheat is pasty and will be more palatable in a grain mixture if it is ground coarsely and if it is mixed with some bulky ingredients. When a careful selection of the other ingredients is made, ground wheat may form up to one-third of the grain mixture.

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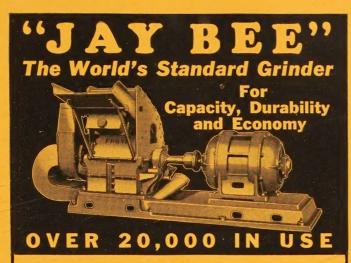
Rapidly crush ear corn (with or without husk) and grind all the small grains; either separately or mixed—mixed as they are being ground—not before or after. This saves time and labor.

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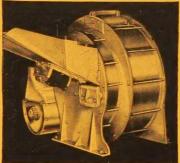
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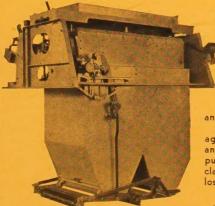
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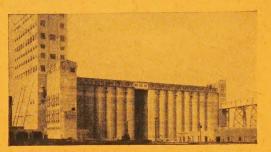
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